EOG Resources, Inc.
J Lazy J Battery

Interim Closure Report

UL I, Section 22, T17S, R25E
Eddy County, New Mexico

NAPP2127937408

March 28, 2022

Prepared for:

EOG Resources, Inc.
104 S. 4th Street
Artesia, New Mexico 88210

By:

Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240

Company Contacts

Representative	Company	Telephone	E-mail
Chase Settle	EOG Resources	575-748-1471	Chase_Settle@eogresources.com
Jeremy Haass	EOG Resources	575-748-4311	Jeremy_Haass@eogresources.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was engaged by EOG Resources to perform a site assessment at the J Lazy J Battery. According to the C-141, an unknown amount of oil and potentially produced water was released. Historical impacts were discovered during the battery decommissioning. It was determined that based on the impacted area, the release likely breached the reportable volume threshold. This site is situated in Eddy County, SE/4, Section 22, Township 17S, and Range 25E.

SESI personnel performed an assessment of the site in September of 2021 based on generator knowledge of the leak location. SESI personnel mapped the leak and performed delineation. Also immediately south of the former battery location, a flowline was determined to have failed and that location also was characterized.

Surface and Ground Water

Based on the NMOCD Oil and Gas map included in this report, surface water is not present within 3,000 feet of this release. New Mexico Office of the State Engineer (OSE) records indicate the average depth to groundwater for the area to be between 175 feet and 225 feet below ground surface. However, because no wells less than 25 years old and less than a half mile away are known to be present, SESI will determine if groundwater is greater than 100 feet and delineate this release to the appropriate criteria established by NMOCD.

Characterization

In September and October of 2021, SESI personnel performed sampling to determine vertical extent of the battery release. SESI's contractor first excavated test trenches within the leak area. Sample point locations are shown on the attached figure. The samples were properly packaged and preserved and sent to Hall Laboratories for analysis. The results of the testing are captured in the summary below:

EOG Resources - J Lazy J Battery Soil Sample Results (mg/Kg): Hall Environmental Laboratories 9/29/21								
SAMPLE ID	**Chloride**	**GRO**	**DRO**	**MRO**	**Benzene**	**Toluene**	**Ethyl benzene**	**Total Xylenes**
TT-1 @ 1'	190	ND	**750**	**3,000**	ND	ND	ND	ND
TT-1 @ 5'	160	ND	**110**	**490**	ND	ND	ND	ND
TT-1 @ 8'	**680**	ND	**570**	**1,300**	ND	ND	ND	ND
TT-1 @ 15'	560	ND	**680**	**510**	ND	ND	ND	ND
TT-2 @ 1'	**5,000**	ND	**6,600**	**4,100**	ND	ND	ND	ND
TT-2 @ 3'	140	ND	ND	ND	ND	ND	ND	ND

TT-3 @ 1'	**960**	ND	94	**540**	ND	ND	ND	ND
TT-3 @ 4'	230	ND	83	**250**	ND	ND	ND	ND
TT-3 @ 6'	210	ND	45	**130**	ND	ND	ND	ND
TT-3 @ 8'	120	ND	ND	ND	ND	ND	ND	ND
TT-4 @ 1'	<60	ND	ND	ND	ND	ND	ND	ND
TT-5 @ 1'	70	ND	ND	ND	ND	ND	ND	ND
TT-6 @ 1'	72	ND	ND	ND	ND	ND	ND	ND
ND reporting limits are shown on the attached analytical report sheets								

Remediation

Based on test trench results SESI determined the best course of action was to excavate the contaminated soil to a depth of the maximum extent practicable. In October of 2021, contaminated material was removed in the north battery area to a depth of about 30 feet. In the flowline area affected material was removed to an approximate depth of 22 feet. At both sites it was observed that impacted material remained below practicable excavation and would need to be further characterized. Total estimated excavation volume was 1,020 cubic yards. Contaminated material was removed to OCD permitted Lea Land LLC Landfill for disposal.

Confirmation samples were taken to ensure remediation in most areas was successful and, except in two locations, the vertical and horizontal extent of the release area had been established. The samples were properly preserved and packaged then sent to Hall Laboratories for analysis. The results of the sampling are captured in the table below.

EOG Resources – J Lazy J Battery Soil Sample Results (mg/Kg): Hall Environmental Laboratories 10/20/21								
SAMPLE ID	**Chloride**	**GRO**	**DRO**	**MRO**	**Benzene**	**Toluene**	**Ethyl benzene**	**Total Xylenes**
SP-1 @ 1'	300	ND	ND	ND	ND	ND	ND	ND
SP-2 @ 1'	<60	ND	ND	ND	ND	ND	ND	ND
SP-3 @ 1'	290	ND	ND	ND	ND	ND	ND	ND
SP-4 @ 1'	310	ND	ND	ND	ND	ND	ND	ND
SP-5 @ 1'	<60	ND	ND	ND	ND	ND	ND	ND
SP-6 @ 1'	290	ND	ND	ND	ND	ND	ND	ND
SP-7 @ 1'	320	ND	ND	ND	ND	ND	ND	ND
SP-8 @ 1'	280	ND	ND	ND	ND	ND	ND	ND
SP-9 @ 1'	130	ND	ND	ND	ND	ND	ND	ND
Horizontal Extent – 10/20-21/21								
H-N Wall 1	<60	ND	ND	ND	ND	ND	ND	ND
H-N Wall 2	<60	ND	ND	ND	ND	ND	ND	ND
H-N Wall 3	320	ND	ND	ND	ND	ND	ND	ND
H-N Wall 4	310	ND	ND	ND	ND	ND	ND	ND
H-W Wall 1	310	ND	ND	ND	ND	ND	ND	ND
H-W Wall 2	310	ND	ND	ND	ND	ND	ND	ND
H-E Wall	<60	ND	ND	ND	ND	ND	ND	ND
H-S Wall 1	320	ND	ND	ND	ND	ND	ND	ND
H-S Wall 2	310	ND	ND	ND	ND	ND	ND	ND

EOG Resources – J Lazy J Battery - Flowline Area Soil Sample Results (mg/Kg): Hall Environmental Laboratories 10/18/21								
SP-1 @ 3’	80	ND	ND	ND	ND	ND	ND	ND
SP-2 @ 3’	76	ND	ND	ND	ND	ND	ND	ND
SP-3 @ 3’	260	ND	ND	ND	ND	ND	ND	ND
SP-4 @ 3’	120	ND	ND	ND	ND	ND	ND	ND
Flowline Area – Horizontal Extent – 10/18/21								
H-E Wall	260	ND	ND	ND	ND	ND	ND	ND
H-S Wall 1	250	ND	ND	ND	ND	ND	ND	ND
H-S Wall 2	<60	ND	ND	ND	ND	ND	ND	ND
H-S Wall 3	75	ND	ND	ND	ND	ND	ND	ND
H-W Wall	250	ND	ND	50	ND	ND	ND	ND
ND reporting limits are shown on the attached analytical report sheets								

Once sample results verified characterization and successful remediation of vertical and horizontal extent (except for vertical extent at two locations as described below), the entire site was backfilled to ground surface with clean material that included uncontaminated material from the battery berm. Pictures of the remediation are included in this report.

During field sampling and following excavation SESI’s technician observed an area on the north side of the battery with staining and odor that continued to show impacted soil material. At one location in the flowline area, staining and odor indicated that elevated levels hydrocarbons also remained following excavation. Determination of the vertical extent of impacts was best accomplished with the drilling and sampling of two vertical boreholes in those areas.

Talon LPE of Amarillo Texas was contracted to advance two soil borings to determine vertical extent of chloride and hydrocarbon impacts at the two locations. Prior to arrival on site Talon had obtained a NM Office of State Engineer (OSE) permit to drill two exploratory borings to an approximate depth of 75 feet and performed the required NM811 Locate Request. Talon’s drilling equipment included a Geoprobe 7822 DT track mounted rig and a high-capacity trailer mounted air compressor.

Following arrival on Tuesday, December 14, SESI and Talon conducted a JSA and safety briefing. Talon rigged up to drill the north borehole with air to a desired sampling depth where a split spoon sample would be obtained. However, following collection of a sample at 20 feet, the drilling bit continually clogged, and the Talon switched to hollow stem auger drilling beginning at 30 feet. Samples were obtained to a depth of 67 feet when auger refusal prevented further drilling. The bore hole was temporarily plugged with clean backfill to a depth of 10 feet and a cap of hydrated bentonite emplaced to the surface. The results of sampling the north borehole to 67 feet are presented in the table below. Because of issues with auger refusal, the second borehole was not drilled.

EOG Resources – J Lazy J Battery Soil Boring Results (mg/Kg): Hall Environmental Laboratories North Borehole – 12/14-16/21								
SAMPLE ID	**Chloride**	**GRO**	**DRO**	**MRO**	**Benzene**	**Toluene**	**Ethyl benzene**	**Total Xylenes**
N. Borehole @10'	750	ND	ND	ND	ND	ND	ND	ND
N. Borehole @20'	730	ND	ND	ND	ND	ND	ND	ND
N. Borehole @30'-32'	480	ND	ND	ND	ND	ND	ND	ND
N. Borehole @37'	910	ND	ND	ND	ND	ND	ND	ND
N. Borehole @40'	1,400	ND	ND	ND	ND	ND	ND	ND
N. Borehole @42'	1,800	ND	ND	ND	ND	ND	ND	ND
N. Borehole @47'	2,300	ND	ND	ND	ND	ND	ND	ND
N. Borehole @52'	4,100	ND	ND	ND	ND	ND	ND	ND
N. Borehole @57'	2,900	21	ND	ND	ND	ND	ND	ND
N. Borehole @62'	4,900	ND	ND	ND	ND	ND	ND	ND
N. Borehole @67'	4,900	ND	ND	ND	ND	ND	ND	ND
ND reporting limits are shown on the attached analytical report sheets								

At the end of December, it was determined there would be a delay in the driller obtaining a suitable drilling rig to continue drilling and sampling to determine the vertical extent of impacts at the two locations, and to determine if depth to groundwater exceeded 100 feet. Accordingly, EOG requested and was granted NM OCD approval of a 90-day delay to March 28 to perform the work.

Following correspondence with Talon LPE, on February 3 EOG directed Talon LPE to "move forward with scheduling and completing the job …" Further correspondence with Talon occurred on March 10 when a status update on their permitting and drilling schedule was requested. Talon responded with scheduling drilling the week of March 21 later shifted to March 28. Copies of the email correspondence are enclosed.

Additional Work for Closure

Continued drilling of the north borehole will be for determination of the depth to groundwater. The south borehole will be drilled to determine residual concentrations of chloride and TPH below the backfilled area. A final decision on closure will be made following comparison of laboratory analytical results with the closure criteria set forth in Table I of the Spill Rule 19.15.29 NMAC.

Drilling by Talon is scheduled to occur on March 28 when the south borehole will be advanced and chloride, BTEX and TPH hydrocarbons sampled to determine vertical impacts below 22 feet. Field chloride and TPH testing will be used followed by rush laboratory analysis. Following review of laboratory results, the borehole will be plugged at the same time as plugging of the north borehole.

The existing north borehole will be drilled out and advanced to 105 feet. Then temporary casing and a ten (10) foot screen will be set to remain for 72 hours. At the end of that period, a depth to water probe will be used to verify if groundwater is present. If, as expected, groundwater is not present at that depth, the casing and screen will be removed, and the boring plugged according to OSE permit requirements. SESI, on behalf of EOG, will submit to OCD all results together with a request for closure within 30-days from March 28.

Interim Report Supplemental Documentation

Map of Release with sample locations

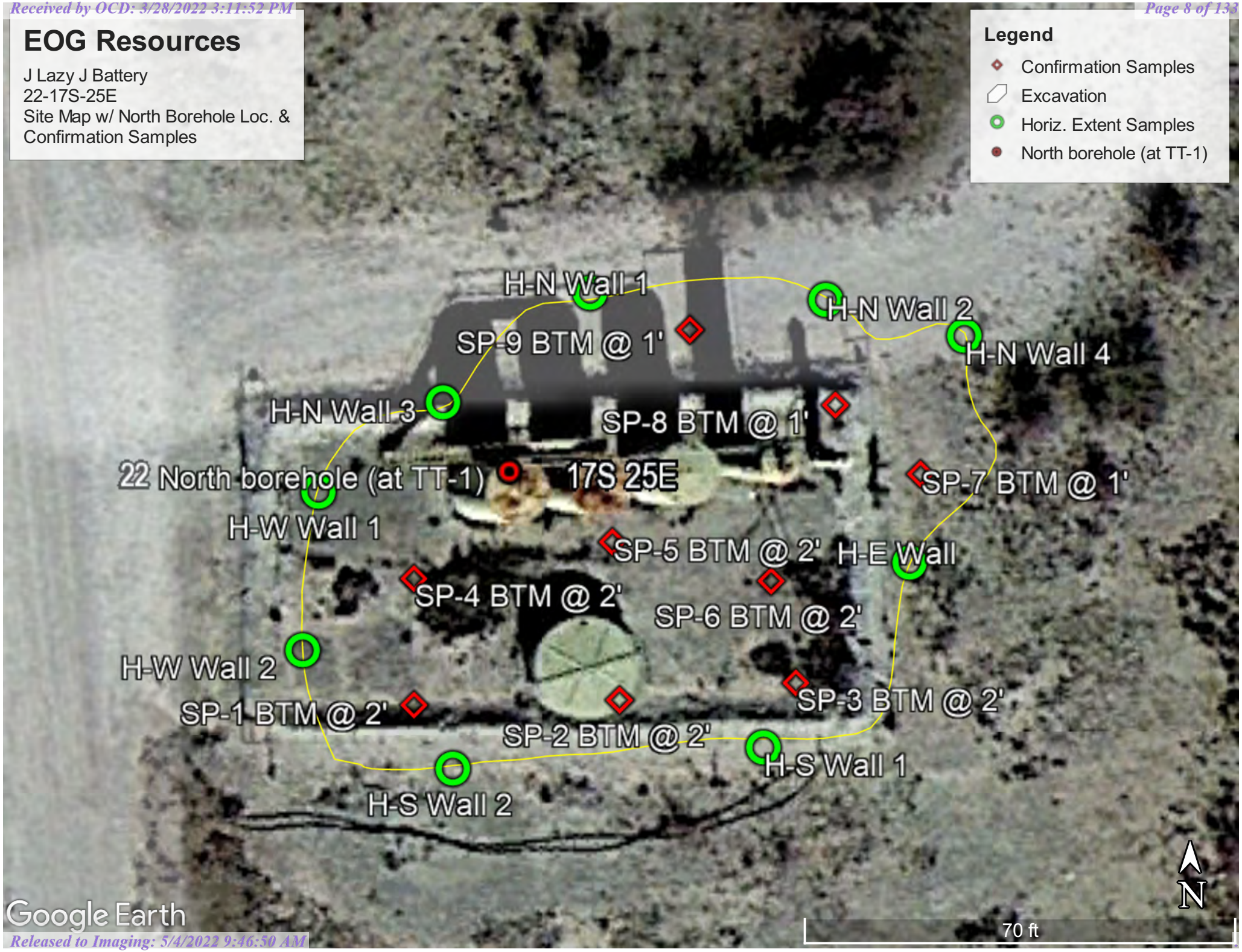
Photos of release and remediation
NMOCD Oil and Gas Map
BLM Cave Karst Map
FEMA Floodplain Map
C-141
Copies of EOG/SESI/Talon email correspondence
Laboratory Analyses

EOG

J Lazy J Battery
22-17S-25E
Site Map w/ Test Trenches

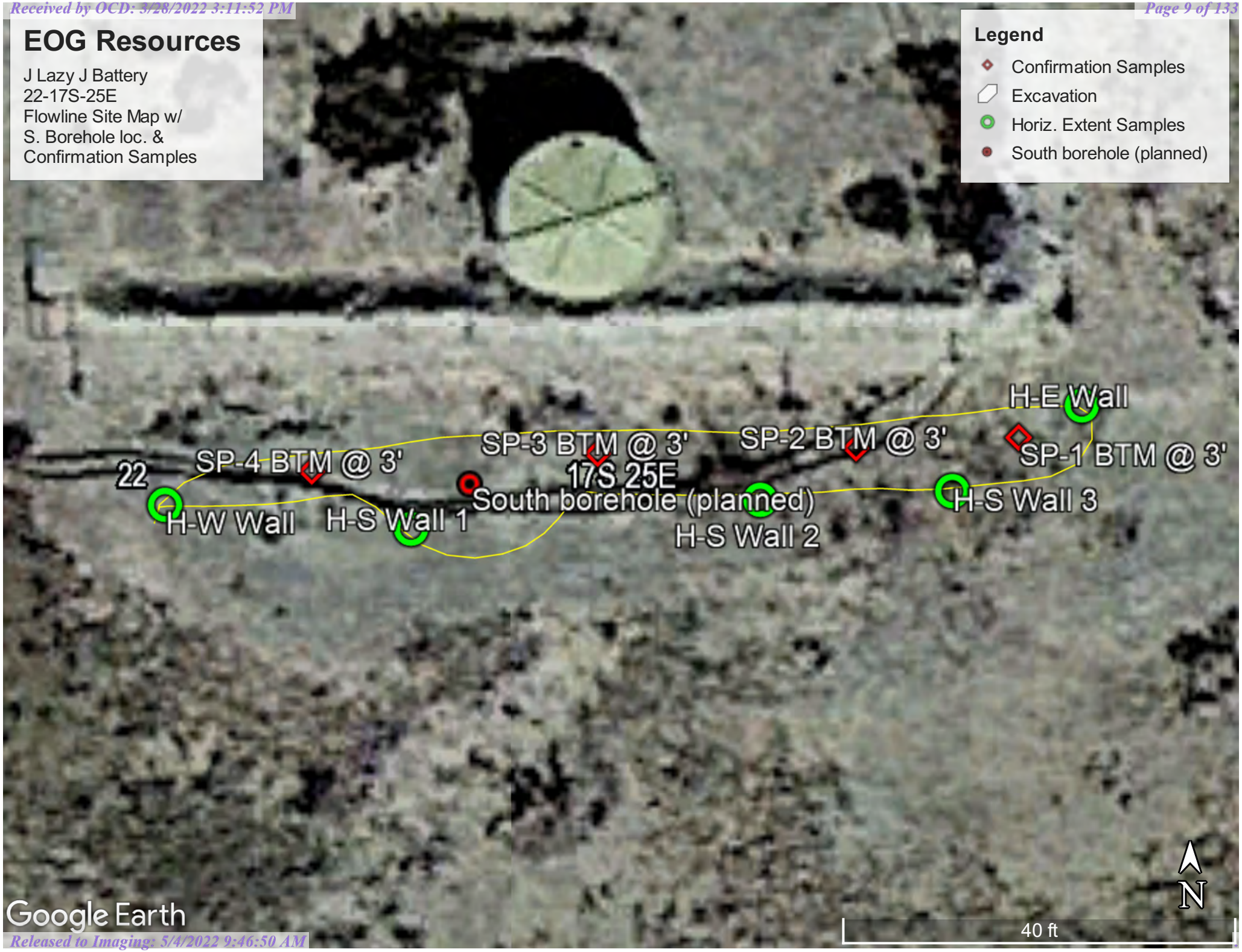
EOG Resources

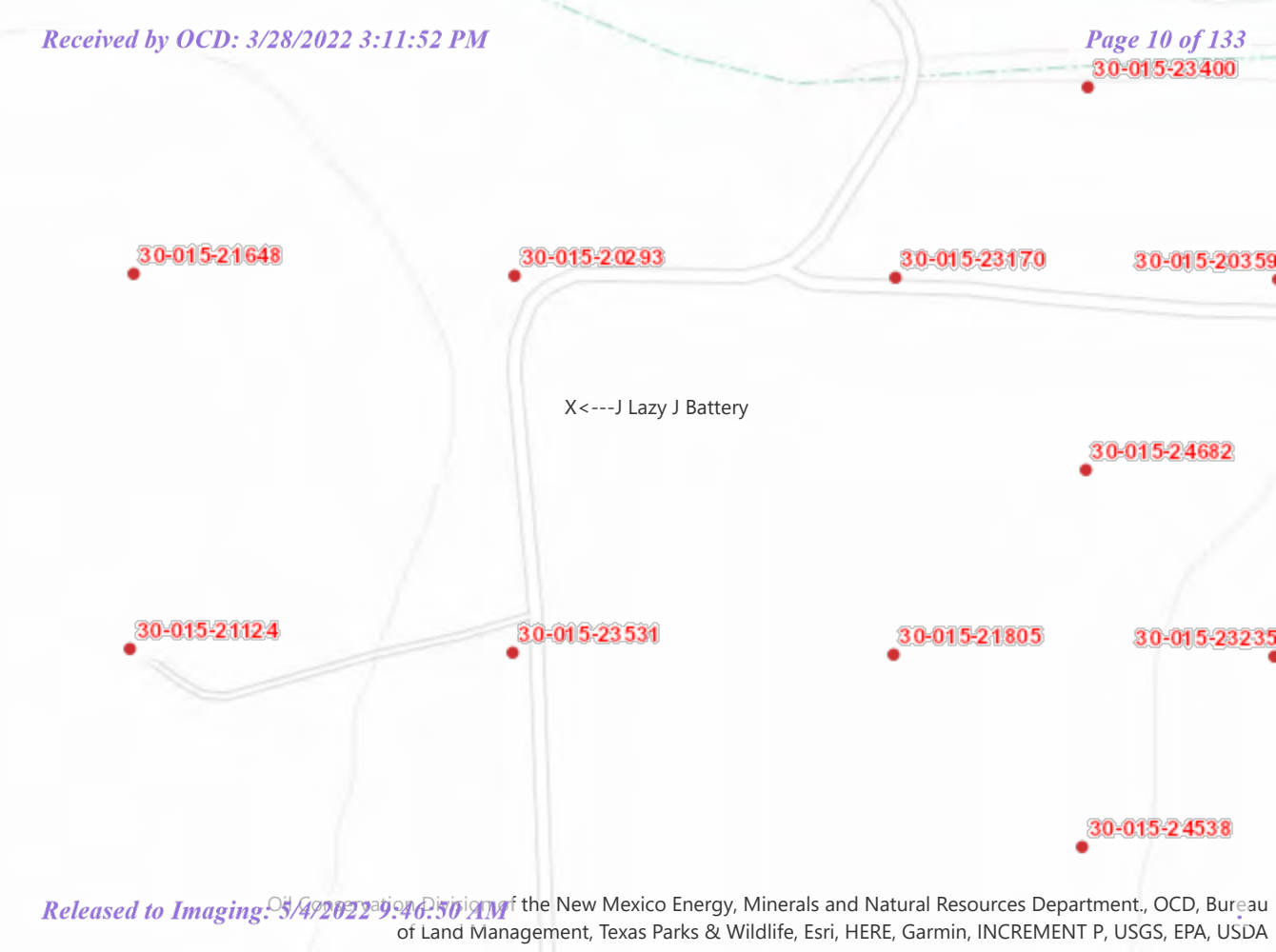
J Lazy J Battery
22-17S-25E
Site Map w/ North Borehole Loc. & Confirmation Samples



EOG Resources

J Lazy J Battery
22-17S-25E
Flowline Site Map w/
S. Borehole loc. &
Confirmation Samples





EOG – J Lazy J Battery
Initial Site Photos

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Initial Site Photos

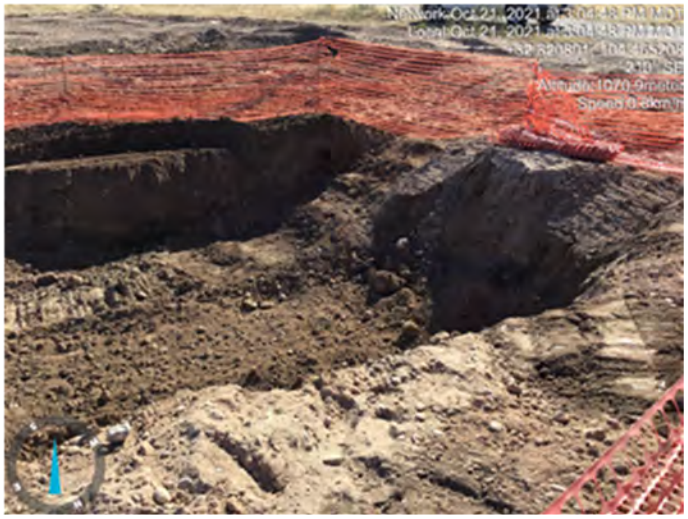
EOG – J Lazy J Battery
Site Photos, Excavation, Remediation, Borehole Drilling

Drone photos of pad

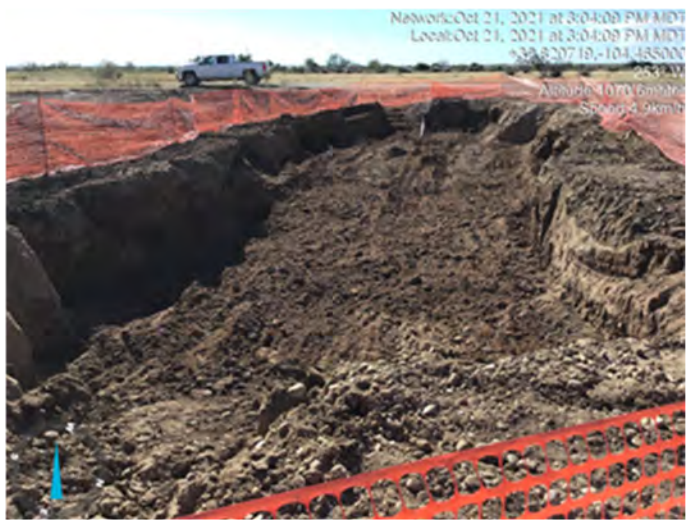
EOG – J Lazy J Battery
Site Photos, Excavation, Remediation, Borehole Drilling

EOG – J Lazy J Battery
Site Photos, Excavation, Remediation, Borehole Drilling

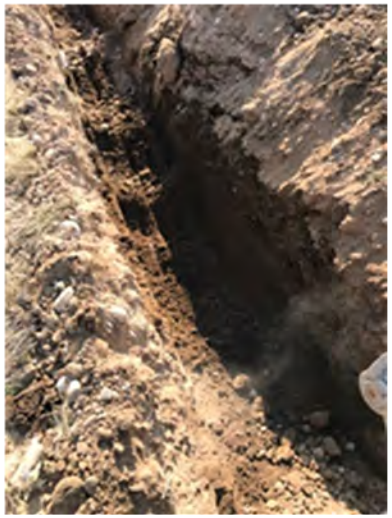
EOG – J Lazy J Battery
Site Photos, Excavation, Remediation, Borehole Drilling



EOG – J Lazy J Battery
Site Photos, Excavation, Remediation, Borehole Drilling



EOG – J Lazy J Battery
Site Photos, Excavation, Remediation, Borehole Drilling



EOG – J Lazy J Battery
Site Photos, Excavation, Remediation, Borehole Drilling

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Site Photos, Excavation, Remediation, Borehole Drilling

EOG – J Lazy J Battery
Site Photos, Excavation, Remediation, Borehole Drilling

Geoprobe 7822 DT

North borehole, 20 feet

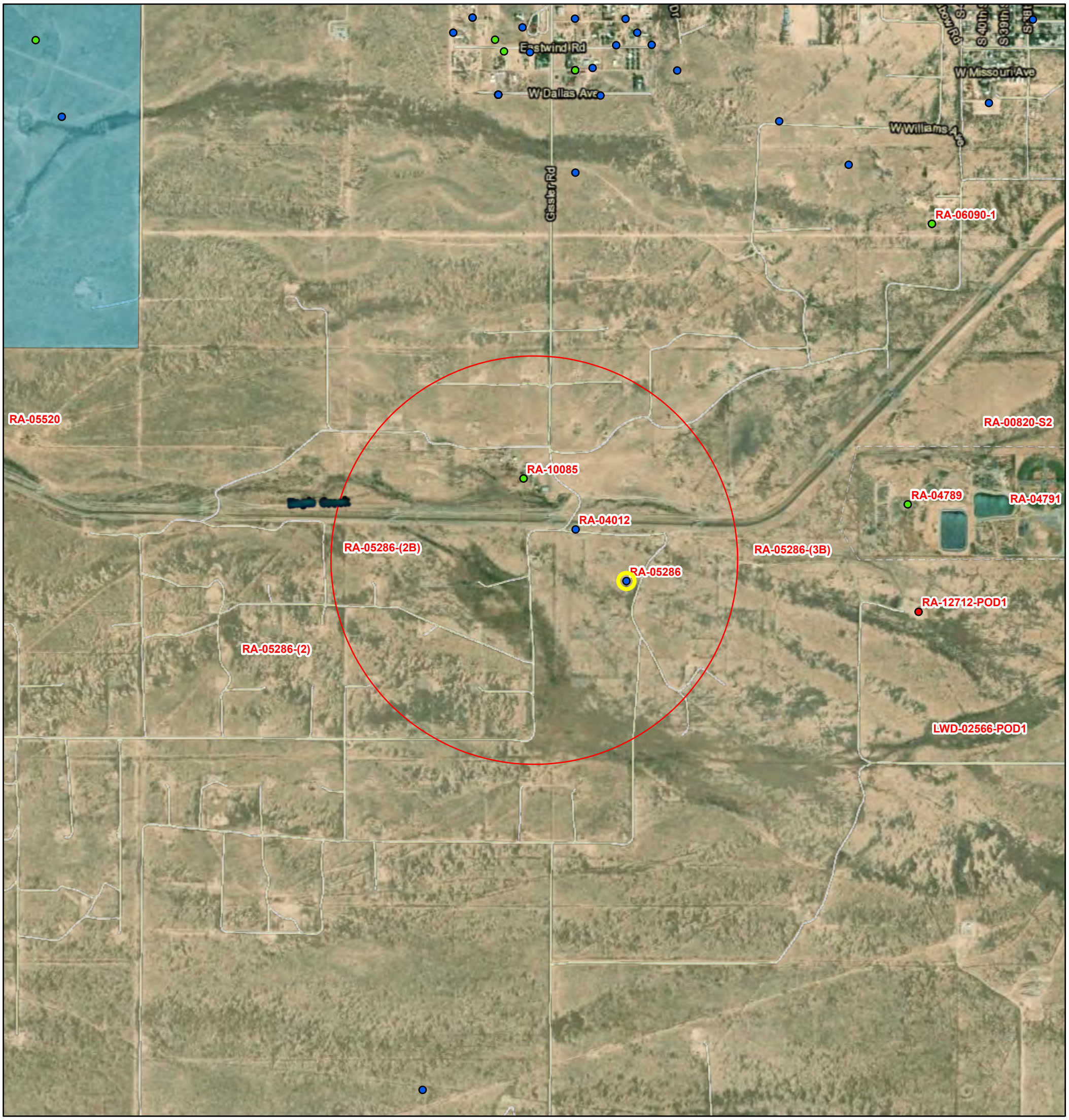
North borehole, 30-32 feet

North borehole, 47 feet

EOG – J Lazy J Battery
Site Photos, Excavation, Remediation, Borehole Drilling

North borehole, 62 feet

OSE PUBLIC PRINT



9/22/2021, 9:05:34 AM

GIS WATERS PODs

- Active
- Pending
- Plugged
- OSE District Boundary

New Mexico State Trust Lands

- Both Estates
- SiteBoundaries

1:18,056

0 0.17 0.35 0.7 mi

0 0.28 0.55 1.1 km

Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

Printed from Public Web Map
Unofficial Map from OSE POD Locations Web Application

New Mexico Office of the State Engineer

Transaction Summary

72121 All Applications Under Statute 72-12-1

Transaction Number: 255694 **Transaction Desc:** RA 04012 **File Date:** 01/27/1953

Primary Status: APP Application
Secondary Status: RCV Received
Person Assigned: *******
Applicant: H. T. GISSLER

Events

Date	Type	Description	Comment	Processed By
01/27/1953	APP	Application Received		*******

Change To:

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
RA 04012		3		DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

****Point of Diversion**

RA 04012		550224	3631658*

***An (*) after northing value indicates UTM location was derived from PLSS - see Help**

Conditions

1A Depth of the well shall not exceed the thickness of the valley fill.

4 Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

File RA-5286

NEW MEXICO OFFICE OF THE STATE ENGINEER

CHANGE OF OWNERSHIP OF 72-12-1 PERMIT FOR (check one):

☐ Individual	■ Corporation

1. OWNER OF RECORD (Seller)

Name: Yates Petroleum Corporation		Name:	
Phone: Phone (Work): (575) 748-4479	☐ Home ☐ Cell	Phone: Phone (Work):	☐ Home ☐ Cell
a. Owner of Record File No: RA-05286		**b.** Sub-file No.:	**c.** Cause No.:

2. NEW OWNER (Buyer) Note: If more owners need to be listed, attach a separate sheet. Attached? ☐ Yes

Name: EOG Y Resources, Inc.		Name:	
Contact or Agent: Armando Lopez	check here if Agent ☐	Contact or Agent:	check here if Agent ☐
Mailing Address: 104 South 4th St.		Mailing Address:	
City: Artesia		City:	
State: New Mexico	Zip Code: 88210	State:	Zip Code:
Phone: Phone (Work): (575) 748-4479	☐ Home ☐ Cell	Phone: Phone (Work):	☐ Home ☐ Cell
E-mail (optional): Armando_Lopez@eogresources.com		E-mail (optional):	

Required: Submit warranty deed(s) or other instrument(s) of conveyance properly recorded with the county clerk's office.

3. AMOUNT CONVEYED

Amount of Water (acre-feet per annum):	3

4. LIST ALL KNOWN POINT(S) OF DIVERSION (POD) FOR THE 72-12-1 PERMIT CONVEYED

OSE POD No.	Subdivision	Section	Township	Range
RA-05286	2 1 3	23	17S	25E

FOR OSE INTERNAL USE — Change of Ownership, Form wr-02d, Revised 6/14/12

File No.: RA-5286	Trn No.: 614762	Receipt No.: 2-38078
Trans Desc. (optional):		Sub-Basin:

5. ADDITIONAL STATEMENTS OR EX IATIONS

Application for Merge Name Change from Yates Petroleum Corporation to EOG Y Resources, Inc.

ACKNOWLEDGEMENT FOR INDIVIDUAL

I, We (name of owner(s)), _____
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

_____ _____
Signature Signature

State of _____)
ss.
County of _____)

This instrument was acknowledged before me this _____ day of _____ A.D., 20 ____, by (name of owner(s))

Notary Public: _____
My commission expires: _____

ACKNOWLEDGEMENT FOR CORPORATION

I, We (name of owner(s)), EOG Y Resources, Inc.
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

_____ _____
Officer Signature Officer Signature

State of New Mexico)
ss.
County of Eddy)

This instrument was acknowledged before me this 10th day of March A.D., 20 17, by the following on behalf of said corporation.

Name of Officer: Reese Lantrip
Title of Officer: Vice President
Name of Corporation Acknowledging: EOG Y Resources, Inc.
State of Corporation: New Mexico

OFFICIAL SEAL
SAMANTHA DAVIS
Notary Public - State of New Mexico
My Commission Expires September 29, 2018

Notary Public: _____
My commission expires: 9-29-2018

FOR OSE INTERNAL USE	Change of Ownership, Form wr-02d, Revised 6/14/12	
File No.: RA - 5286	Trn No.: 614762	Receipt No.: 2-38078
Trans Desc. (optional):		Sub-Basin:

OFFICE OF THE SECRETARY OF STATE
NEW MEXICO

November 2, 2016

SOUTHWEST DOCUMENT SERVICES, INC.
PO BOX 222
ESPANOLA, NM 87532

RE: EOG Y Resources, Inc.
Business ID #: 425736

The Office of the Secretary of State has approved and filed the Articles of Amendment for the above captioned corporation effective November 1, 2016. The enclosed Certificate of Amendment is evidence of filing and should become a permanent document of the corporation's records.

Please be advised that although the Certificate of Amendment has been approved, you must also comply with all other federal or state laws applicable to your corporation. This includes, but is not limited to state licensing requirements. It is the corporation's sole responsibility to obtain such compliance with all legal requirements applicable thereto prior to engaging in the business for which it has obtained approval of the referenced document.

If you have any questions, please contact the Corporations Bureau at (505) 827-3600 or toll free at 1-800-477-3622 for assistance.

Corporations Bureau

OFFICE OF THE SECRETARY OF STATE

NEW MEXICO

Certificate of Amendment

OF

EOG Y Resources, Inc.

425736

New Mexico

The Office of the Secretary of State certifies that the Articles of Amendment, duly signed and verified pursuant to the provisions of the

Business Corporation Act **53-11-1 to 53-18-12 NMSA 1978**

have been received and are found to conform to law. Accordingly, by virtue of the authority vested in it by law, the Office of the Secretary of State issues this Certificate of Amendment and attaches hereto a duplicate of the Articles of Amendment.

Dated: **November 1, 2016**

In testimony whereof, the Office of the Secretary of State has caused this certificate to be signed on this day in the City of Santa Fe, and the seal of said office to be affixed hereto.

Brad Winter

Brad Winter
Secretary of State

Office of the New Mexico Secretary of State
Filing Number: 0001727123
Filed On: 11/1/2016
Total Number of Pages: 1 of 2

ARTICLES OF AMENDMENT
to the
AMENDED AND RESTATED ARTICLES OF INCORPORATION
of
YATES PETROLEUM CORPORATION

Yates Petroleum Corporation, a New Mexico corporation (the "Corporation"), adopts the following Articles of Amendment (the "Articles of Amendment") to the Corporation's Amended and Restated Articles of Incorporation (as heretofore amended, the "Articles of Incorporation") under the New Mexico Business Corporation Act:

ARTICLE ONE

The name of the Corporation is Yates Petroleum Corporation.

ARTICLE TWO

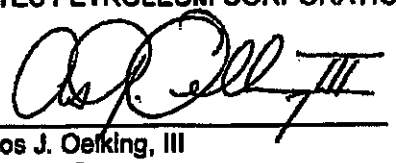
Article First of the Articles of Incorporation is amended to read in its entirety as follows: "The name of the Corporation is EOG Y Resources, Inc."

ARTICLE THREE

The amendment to the Articles of Incorporation provided in Article Two was adopted by a unanimous vote of all shares entitled to vote on October 31, 2016. On the date of the adoption of the amendment, there were 1,000 shares of common stock issued by the Corporation. All 1,000 shares of common stock were entitled to vote on the amendment. All 1,000 shares of common stock voted for the amendment and no shares of common stock voted against the amendment.

Dated: November 1, 2016.

YATES PETROLEUM CORPORATION



Amos J. Oelking, III
Assistant Secretary

RECEIVED
SOS
Corporation Bureau
NOV 01 2016

EOG RESOURCES, INC.

November 1, 2016

New Mexico Office of the Secretary of State
New Mexico Capitol Annex North
325 Don Gaspar, Suite 300
Santa Fe, NM 87501

Re: Letter of Consent – Use of Name Similar to That of EOG Resources, Inc. By Related Entities

Ladies and Gentlemen:

I am the duly elected Deputy Corporate Secretary of EOG Resources, Inc. I am also a duly elected Assistant Secretary of each of Abo Petroleum Corporation, MYCO Industries, Inc. and Yates Petroleum Corporation (each, New Mexico corporations), each of which propose to file amendments to their respective Amended and Restated Articles of Incorporation to change their names to EOG A Resources, Inc., EOG M Resources, Inc. and EOG Y Resources, Inc., respectively.

In my capacity as the Deputy Corporate Secretary of EOG Resources, Inc. and an Assistant Secretary of each of Abo Petroleum Corporation, MYCO Industries, Inc. and Yates Petroleum Corporation, I hereby (1) acknowledge and certify that Abo Petroleum Corporation, MYCO Industries, Inc. and Yates Petroleum Corporation are related entities as well as wholly owned subsidiaries of EOG Resources, Inc. and (2) consent to the use by such entities of a corporate name similar to that of EOG Resources, Inc.

Amos J. Oelking, III
Deputy Corporate Secretary
of EOG Resources, Inc.; Assistant Secretary
of Abo Petroleum Corporation, MYCO
Industries, Inc. and Yates Petroleum
Corporation

Tom Blaine, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 614762
File Nbr: RA 05286

Oct. 10, 2017

ARMANDO LOPEZ
EOG Y RESOURCES INC
104 SOUTH 4TH ST
ARTESIA, NM 88210

Greetings:

Enclosed is one original copy of a Change of Ownership of a Water Right submitted to this office for filing. This Change of Ownership is accepted for filing in accordance with Section 72-1-2.1, NMSA 1978 (1996 Supp.), effective May 15, 1996. The acceptance by the State Engineer Office does not constitute validation of the right claimed.

According to Section 72-1-2.1, NMSA 1978 (1996 Supp.), you must record this Change of Ownership with the clerk of the county in which the water is located. The filing shall be public notice of the existence and contents of the instruments so recorded.

The Conditions of Approval of your permit require that your well(s) be metered and that meter readings be submitted to this office in writing.

A form(s) have been enclosed for your convenience for submittal of meter readings. Please make copies of this form(s) for your use. If you have any questions, please feel free to contact us.

Sincerely,

Andrew Dennis
(575)622-6521

Enclosure

mtrown_req

New Mexico Office of the State Engineer

Transaction Summary

72121 All Applications Under Statute 72-12-1

Transaction Number: 212156 **Transaction Desc:** RA 10085 **File Date:** 07/12/2001

Primary Status: EXP Expired Permit
Secondary Status: EXP Expired
Person Assigned: *******
Applicant: J.W. GISSLER

Events

Date	Type	Description	Comment	Processed By
07/12/2001	APP	Application Received		*******
07/13/2001	FIN	Final Action on application		*******
07/13/2001	WAP	General Approval Letter		*******
07/13/2002	EXP	Expired Permit (well log late)		*******

Change To:

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
RA 10085		3		STK 72-12-1 LIVESTOCK WATERING

****Point of Diversion**

RA 10085		550017	3631858*

***An (*) after northing value indicates UTM location was derived from PLSS - see Help**

Remarks

Old oil well that will be used for livestock purposes.

Conditions

1A Depth of the well shall not exceed the thickness of the valley fill.

4 Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).

D The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.

Action of the State Engineer

**** See Image For Any Additional Conditions of Approval ****

Approval Code: A - Approved
Action Date: 07/13/2001
Log Due Date: 07/13/2002
State Engineer: Thomas C. Turney

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 324930104272301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

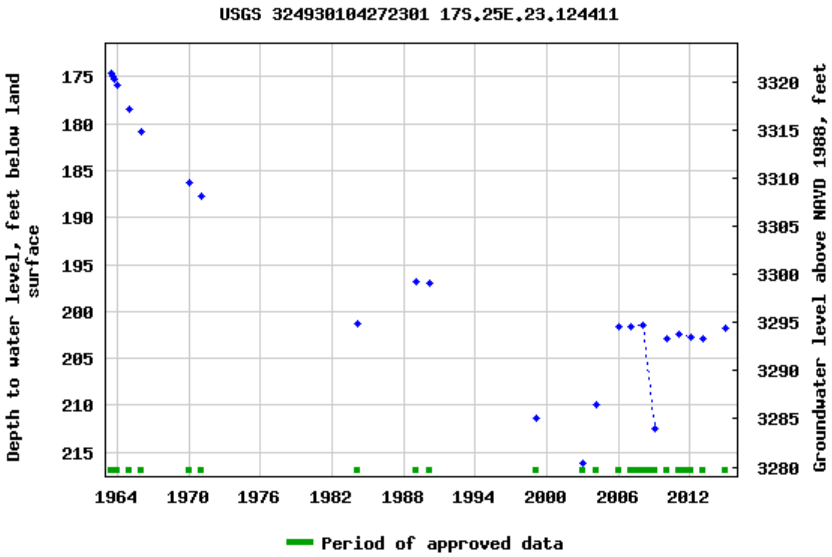
USGS 324930104272301 17S.25E.23.124411

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060007
Latitude 32°49'30", Longitude 104°27'23" NAD27
Land-surface elevation 3,496 feet above NAVD88
The depth of the well is 247 feet below land surface.
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



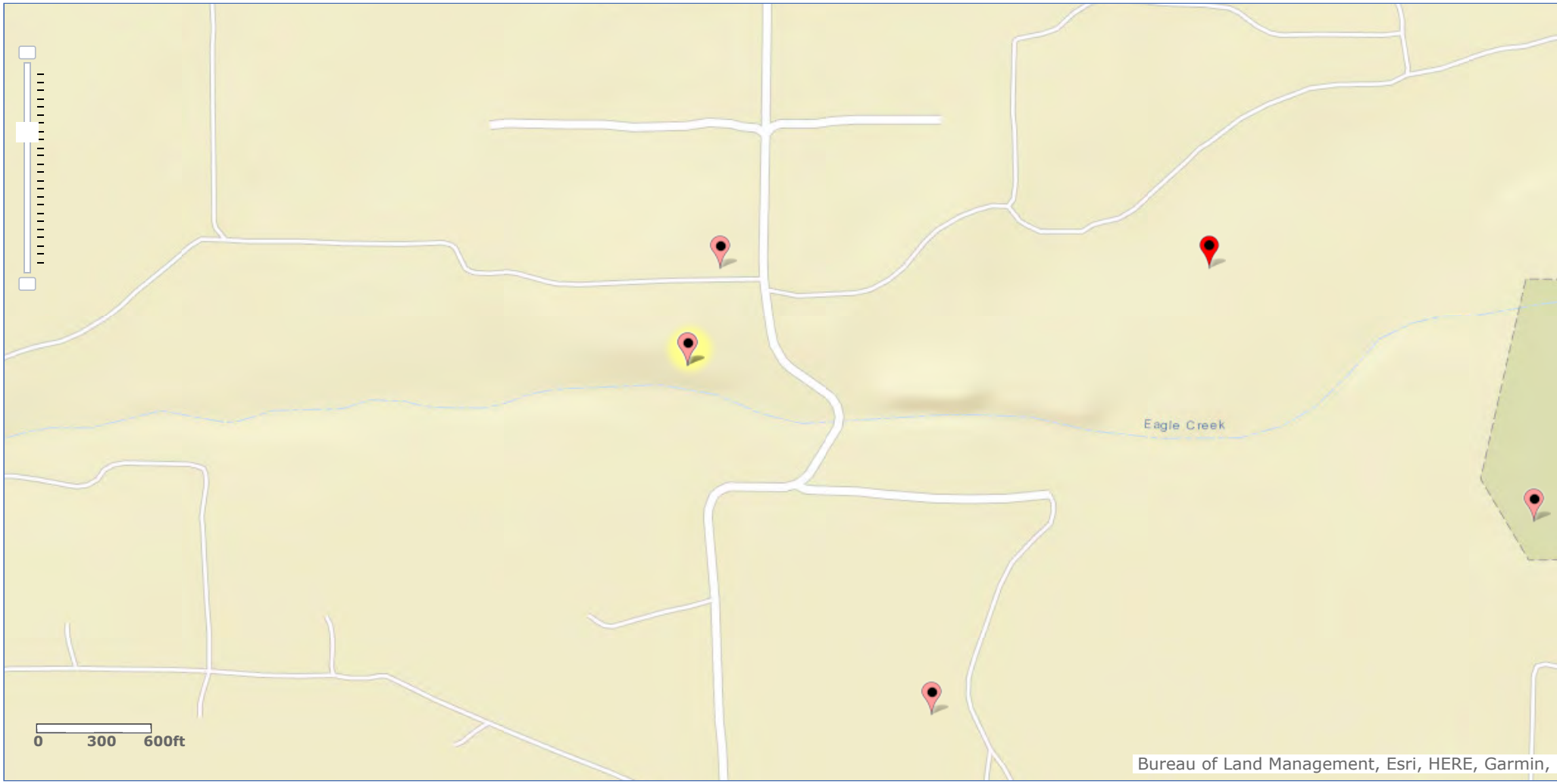
Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

Questions about sites/data?
Feedback on this web site

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

USGS science for a changing world

National Water Information System: Map View



National Flood Hazard Layer FIRMette

FEMA

104°28'13"W 32°49'30"N

104°27'36"W 32°48'59"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/22/2021 at 3:23 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

EOG - J Lazy J

22-17S-25E
Karst Map - Low

Legend

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2127937408
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # *nAPP2127937408*
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.82071 Longitude -104.46521
(NAD 83 in decimal degrees to 5 decimal places)

Site Name J Lazy J Tank Battery	Site Type Battery
Date Release Discovered 09/29/2021	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
I	22	17S	25E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☑ Private (*Name:* Gatewood, Paula Ruth & Richard)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☑ Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
☑ Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☑ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release	Historical impacts discovered during the battery decommissioning. The environmental consultant contracted to investigate the area determined on 9/29/2021 based on the impacted area footprint that the release more than likely breached the reportable volume threshold.	

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2127937408
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☑ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☑ The source of the release has been stopped.
☑ The impacted area has been secured to protect human health and the environment.
☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☑ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle
Title: Rep Safety & Environmental Sr
Signature: Chase Settle
Date: 10/06/2021
email: Chase_Settle@eogresources.com
Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2127937408
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release? DTW estimated to be greater than 100 feet bgs, will be determined by exploratory boring that will be completed on 03/28/2022	>100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☑ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☑ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☑ Field data
- ☑ Data table of soil contaminant concentration data
- ☑ Depth to water determination
- ☑ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☑ Boring or excavation logs
- ☑ Photographs including date and GIS information
- ☑ Topographic/Aerial maps
- ☑ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2127937408
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 03/28/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: David Boyer <dgboyer@sesi-nm.com>
Sent: Friday, March 18, 2022 2:33 PM
To: 'Robert A. Meyer' <rmeyer@talonlpe.com>; 'TJ Haley' <thaley@talonlpe.com>
Cc: 'Chase Settle' <Chase_Settle@eogresources.com>; Bob Allen <ballen@sesi-nm.com>; 'Taylor Petty' <tpetty@talonlpe.com>; 'Jeremy_Haass@eogresources.com' <Jeremy_Haass@eogresources.com>; John Harrison <office2@sesi-nm.com>
Subject: RE: Talon Revised Cost Estimate SESI J Lazy J battery

Robert,

Thank you for the firm date for the continuation of this work.

We will be meeting you at 8:00 Monday, May 28 at the intersection of US 82 and Gissler Road 3.5 miles east of downtown Artesia. Please wait for a SESI or EOG representative to guide you to the location.

Attached are drive maps of the road to access the location. EOG requires that you follow this road to the work site. Please close all gates after opening.

Please email or text any changes in this schedule.

David G. Boyer, P.G.
Hydrogeologist
Safety & Environmental Solutions, Inc.
703 East Clinton St.
P.O. Box 1613
Hobbs, New Mexico 88241
(575) 397-0510 (office)
(575) 393-4388 (fax)
(575) 390-7067 (cell)
dgboyer@sesi-nm.com

From: Robert A. Meyer <rmeyer@talonlpe.com>
Sent: Friday, March 18, 2022 8:35 AM
To: David Boyer <dgboyer@sesi-nm.com>; TJ Haley <thaley@talonlpe.com>
Cc: Chase Settle <Chase_Settle@eogresources.com>; Bob Allen <ballen@sesi-nm.com>; Taylor Petty <tpetty@talonlpe.com>
Subject: RE: Talon Revised Cost Estimate SESI J Lazy J battery

Hi David,

Unfortunately we have a staffing issue for next week which came up late last night; I thought we were going to get it resolved but I am not going to be able to. My plan is to bring equipment in by end of next week so we can start as early as possible the following Monday morning (3/28/22)

I understand that this pinches you on your OCD deadline, and for that I am sorry, but I will not send a crew out undermanned or under trained.

Robert A. Meyer
Vice President Drilling Operations
Office: 210.265.8025 x203
Direct: 210.253.7227
Cell: 910.376.4331
Fax: 210.568.2191
Emergency: 866.742.0742
Web: **www.talonlpe.com**

From: David Boyer <dgboyer@sesi-nm.com>
Sent: Wednesday, March 16, 2022 2:11 PM
To: Robert A. Meyer <rmeyer@talonlpe.com>; TJ Haley <thaley@talonlpe.com>
Cc: Chase Settle <Chase_Settle@eogresources.com>; Bob Allen <ballen@sesi-nm.com>
Subject: RE: Talon Revised Cost Estimate SESI J Lazy J battery

Robert and TJ,

Yes, I will be available next week to perform the work, with the earlier the better because of our deadline. Please provide a schedule when you have one, and the one-call will be needed to be performed and cleared also.

David G. Boyer, P.G.
Hydrogeologist
Safety & Environmental Solutions, Inc.
703 East Clinton St.
P.O. Box 1613
Hobbs, New Mexico 88241
(575) 397-0510 (office)
(575) 393-4388 (fax)
(575) 390-7067 (cell)
dgboyer@sesi-nm.com

From: Robert A. Meyer <rmeyer@talonlpe.com>
Sent: Tuesday, March 15, 2022 2:57 PM
To: David Boyer <dgboyer@sesi-nm.com>; TJ Haley <thaley@talonlpe.com>
Cc: Chase Settle <Chase_Settle@eogresources.com>; Bob Allen <ballen@sesi-nm.com>
Subject: RE: Talon Revised Cost Estimate SESI J Lazy J battery

Hi David,

Sorry for the delay, we have had a bunch of schedule shifting.

We have permits in hand, would you all be available to have these borings drilled next week?

We do not have auger rig, but we have sonic available. We will get the work done within the budget provided to you all and Chase.

Let me know if you can make it work and we will put on the schedule!

Robert A. Meyer
Vice President Drilling Operations
Office: 210.265.8025 x203
Direct: 210.253.7227
Cell: 910.376.4331
Fax: 210.568.2191
Emergency: 866.742.0742
Web: **www.talonlpe.com**

From: David Boyer <dgboyer@sesi-nm.com>
Sent: Thursday, March 10, 2022 1:57 PM
To: Robert A. Meyer <rmeyer@talonlpe.com>; TJ Haley <thaley@talonlpe.com>
Cc: Chase Settle <Chase_Settle@eogresources.com>; Bob Allen <ballen@sesi-nm.com>
Subject: RE: Talon Revised Cost Estimate SESI J Lazy J battery

Robert and TJ,

We have not heard back from Talon regarding the status of permitting and scheduling of the work for EOG J Lazy J battery. We need to move forward with this job as soon as possible due to the OCD deadline at the end of March.

Please provide a status update and a scheduled date for drilling at the J Lazy J by the close of business this afternoon.

Thank you,

David G. Boyer, P.G.
Hydrogeologist
Safety & Environmental Solutions, Inc.
703 East Clinton St.
P.O. Box 1613
Hobbs, New Mexico 88241
(575) 397-0510 (office)
(575) 393-4388 (fax)
(575) 390-7067 (cell)
dgboyer@sesi-nm.com

From: Chase Settle <Chase_Settle@eogresources.com>
Sent: Thursday, February 03, 2022 7:23 AM
To: Robert A. Meyer <rmeyer@talonlpe.com>; David Boyer <dgboyer@sesi-nm.com>; TJ Haley <thaley@talonlpe.com>
Cc: Bob Allen <ballen@sesi-nm.com>
Subject: RE: Talon Revised Cost Estimate SESI J Lazy J battery

Robert,

Please move forward with scheduling and completing the job with SESI. I know Talon will do the best it can to keep costs manageable.

Thank you,

Chase

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

October 29, 2021

Bob Allen
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 397-0510
FAX: (575) 393-4388

RE: EOG J LAZY J Battery OrderNo.: 2110A64

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 18 sample(s) on 10/22/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-1 1ft
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 9:15:00 AM
Lab ID: 2110A64-001 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	300	60		mg/Kg	20	10/25/2021 9:02:46 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/25/2021 4:31:13 PM	63502
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/25/2021 4:31:13 PM	63502
Surr: DNOP	93.3	70-130		%Rec	1	10/25/2021 4:31:13 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	10/25/2021 11:31:00 AM	63495
Surr: BFB	106	70-130		%Rec	5	10/25/2021 11:31:00 AM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.12		mg/Kg	5	10/25/2021 11:31:00 AM	63495
Toluene	ND	0.25		mg/Kg	5	10/25/2021 11:31:00 AM	63495
Ethylbenzene	ND	0.25		mg/Kg	5	10/25/2021 11:31:00 AM	63495
Xylenes, Total	ND	0.49		mg/Kg	5	10/25/2021 11:31:00 AM	63495
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	5	10/25/2021 11:31:00 AM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-2 1ft
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 9:35:00 AM
Lab ID: 2110A64-002 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/25/2021 9:39:59 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/25/2021 1:59:09 PM	63502
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/25/2021 1:59:09 PM	63502
Surr: DNOP	86.0	70-130		%Rec	1	10/25/2021 1:59:09 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/25/2021 11:51:00 AM	63495
Surr: BFB	107	70-130		%Rec	1	10/25/2021 11:51:00 AM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	10/25/2021 11:51:00 AM	63495
Toluene	ND	0.048		mg/Kg	1	10/25/2021 11:51:00 AM	63495
Ethylbenzene	ND	0.048		mg/Kg	1	10/25/2021 11:51:00 AM	63495
Xylenes, Total	ND	0.095		mg/Kg	1	10/25/2021 11:51:00 AM	63495
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	10/25/2021 11:51:00 AM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-3 1ft
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 9:55:00 AM
Lab ID: 2110A64-003 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	290	59		mg/Kg	20	10/25/2021 9:52:23 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/23/2021 3:25:26 PM	63502
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/23/2021 3:25:26 PM	63502
Surr: DNOP	113	70-130		%Rec	1	10/23/2021 3:25:26 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/25/2021 12:11:00 PM	63495
Surr: BFB	104	70-130		%Rec	1	10/25/2021 12:11:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	10/25/2021 12:11:00 PM	63495
Toluene	ND	0.047		mg/Kg	1	10/25/2021 12:11:00 PM	63495
Ethylbenzene	ND	0.047		mg/Kg	1	10/25/2021 12:11:00 PM	63495
Xylenes, Total	ND	0.094		mg/Kg	1	10/25/2021 12:11:00 PM	63495
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	10/25/2021 12:11:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-4 1ft
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 10:25:00 AM
Lab ID: 2110A64-004 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	310	60		mg/Kg	20	10/25/2021 10:04:47 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/25/2021 2:23:36 PM	63502
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/25/2021 2:23:36 PM	63502
Surr: DNOP	94.2	70-130		%Rec	1	10/25/2021 2:23:36 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2021 12:30:00 PM	63495
Surr: BFB	105	70-130		%Rec	1	10/25/2021 12:30:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	10/25/2021 12:30:00 PM	63495
Toluene	ND	0.049		mg/Kg	1	10/25/2021 12:30:00 PM	63495
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2021 12:30:00 PM	63495
Xylenes, Total	ND	0.097		mg/Kg	1	10/25/2021 12:30:00 PM	63495
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	10/25/2021 12:30:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-5 1ft
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 11:15:00 AM
Lab ID: 2110A64-005 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	10/25/2021 4:30:33 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/25/2021 2:45:24 PM	63502
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/25/2021 2:45:24 PM	63502
Surr: DNOP	97.7	70-130		%Rec	1	10/25/2021 2:45:24 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2021 12:50:00 PM	63495
Surr: BFB	103	70-130		%Rec	1	10/25/2021 12:50:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 12:50:00 PM	63495
Toluene	ND	0.049		mg/Kg	1	10/25/2021 12:50:00 PM	63495
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2021 12:50:00 PM	63495
Xylenes, Total	ND	0.099		mg/Kg	1	10/25/2021 12:50:00 PM	63495
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	10/25/2021 12:50:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-6 1ft
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 11:45:00 AM
Lab ID: 2110A64-006 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	290	61		mg/Kg	20	10/25/2021 5:07:47 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/23/2021 3:36:11 PM	63502
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/23/2021 3:36:11 PM	63502
Surr: DNOP	108	70-130		%Rec	1	10/23/2021 3:36:11 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2021 1:10:00 PM	63495
Surr: BFB	110	70-130		%Rec	1	10/25/2021 1:10:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 1:10:00 PM	63495
Toluene	ND	0.050		mg/Kg	1	10/25/2021 1:10:00 PM	63495
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2021 1:10:00 PM	63495
Xylenes, Total	ND	0.10		mg/Kg	1	10/25/2021 1:10:00 PM	63495
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	10/25/2021 1:10:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-7 1ft
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 12:10:00 PM
Lab ID: 2110A64-007 **Matrix:** SOIL **Received Date:** 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	320	60		mg/Kg	20	10/25/2021 5:20:12 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2021 3:06:51 PM	63502
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/25/2021 3:06:51 PM	63502
Surr: DNOP	93.1	70-130		%Rec	1	10/25/2021 3:06:51 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/25/2021 1:29:00 PM	63495
Surr: BFB	106	70-130		%Rec	1	10/25/2021 1:29:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	10/25/2021 1:29:00 PM	63495
Toluene	ND	0.047		mg/Kg	1	10/25/2021 1:29:00 PM	63495
Ethylbenzene	ND	0.047		mg/Kg	1	10/25/2021 1:29:00 PM	63495
Xylenes, Total	ND	0.094		mg/Kg	1	10/25/2021 1:29:00 PM	63495
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	10/25/2021 1:29:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-8 1ft
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 12:50:00 PM
Lab ID: 2110A64-008 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	280	60		mg/Kg	20	10/25/2021 5:32:36 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/23/2021 3:47:00 PM	63502
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/23/2021 3:47:00 PM	63502
Surr: DNOP	112	70-130		%Rec	1	10/23/2021 3:47:00 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2021 1:49:00 PM	63495
Surr: BFB	97.8	70-130		%Rec	1	10/25/2021 1:49:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	10/25/2021 1:49:00 PM	63495
Toluene	ND	0.049		mg/Kg	1	10/25/2021 1:49:00 PM	63495
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2021 1:49:00 PM	63495
Xylenes, Total	ND	0.098		mg/Kg	1	10/25/2021 1:49:00 PM	63495
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	10/25/2021 1:49:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-9 1ft
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 1:10:00 PM
Lab ID: 2110A64-009 **Matrix:** SOIL **Received Date:** 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	130	59		mg/Kg	20	10/25/2021 5:45:00 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/23/2021 3:57:58 PM	63502
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/23/2021 3:57:58 PM	63502
Surr: DNOP	100	70-130		%Rec	1	10/23/2021 3:57:58 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/25/2021 2:08:00 PM	63495
Surr: BFB	101	70-130		%Rec	1	10/25/2021 2:08:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	10/25/2021 2:08:00 PM	63495
Toluene	ND	0.046		mg/Kg	1	10/25/2021 2:08:00 PM	63495
Ethylbenzene	ND	0.046		mg/Kg	1	10/25/2021 2:08:00 PM	63495
Xylenes, Total	ND	0.092		mg/Kg	1	10/25/2021 2:08:00 PM	63495
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	10/25/2021 2:08:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: North Wall 1
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 1:20:00 PM
Lab ID: 2110A64-010 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	10/25/2021 5:57:25 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/26/2021 3:13:19 PM	63502
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/26/2021 3:13:19 PM	63502
Surr: DNOP	90.5	70-130		%Rec	1	10/26/2021 3:13:19 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/25/2021 2:28:00 PM	63495
Surr: BFB	104	70-130		%Rec	1	10/25/2021 2:28:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	10/25/2021 2:28:00 PM	63495
Toluene	ND	0.046		mg/Kg	1	10/25/2021 2:28:00 PM	63495
Ethylbenzene	ND	0.046		mg/Kg	1	10/25/2021 2:28:00 PM	63495
Xylenes, Total	ND	0.092		mg/Kg	1	10/25/2021 2:28:00 PM	63495
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	10/25/2021 2:28:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: North Wall 2
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 1:35:00 PM
Lab ID: 2110A64-011 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	10/25/2021 6:34:38 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/25/2021 3:50:00 PM	63502
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/25/2021 3:50:00 PM	63502
Surr: DNOP	110	70-130		%Rec	1	10/25/2021 3:50:00 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2021 5:24:00 PM	63495
Surr: BFB	101	70-130		%Rec	1	10/25/2021 5:24:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 5:24:00 PM	63495
Toluene	ND	0.050		mg/Kg	1	10/25/2021 5:24:00 PM	63495
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2021 5:24:00 PM	63495
Xylenes, Total	ND	0.10		mg/Kg	1	10/25/2021 5:24:00 PM	63495
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	10/25/2021 5:24:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: West Wall 1
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 1:55:00 PM
Lab ID: 2110A64-012 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	310	59		mg/Kg	20	10/25/2021 6:47:02 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/23/2021 4:08:54 PM	63502
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/23/2021 4:08:54 PM	63502
Surr: DNOP	95.5	70-130		%Rec	1	10/23/2021 4:08:54 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2021 5:43:00 PM	63495
Surr: BFB	100	70-130		%Rec	1	10/25/2021 5:43:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 5:43:00 PM	63495
Toluene	ND	0.049		mg/Kg	1	10/25/2021 5:43:00 PM	63495
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2021 5:43:00 PM	63495
Xylenes, Total	ND	0.098		mg/Kg	1	10/25/2021 5:43:00 PM	63495
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	10/25/2021 5:43:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: East Wall
Project: EOG J LAZY J Battery
Collection Date: 10/20/2021 2:15:00 PM
Lab ID: 2110A64-013 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	10/25/2021 6:59:27 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/25/2021 4:11:39 PM	63502
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/25/2021 4:11:39 PM	63502
Surr: DNOP	89.2	70-130		%Rec	1	10/25/2021 4:11:39 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/25/2021 6:03:00 PM	63495
Surr: BFB	100	70-130		%Rec	1	10/25/2021 6:03:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	10/25/2021 6:03:00 PM	63495
Toluene	ND	0.048		mg/Kg	1	10/25/2021 6:03:00 PM	63495
Ethylbenzene	ND	0.048		mg/Kg	1	10/25/2021 6:03:00 PM	63495
Xylenes, Total	ND	0.096		mg/Kg	1	10/25/2021 6:03:00 PM	63495
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	10/25/2021 6:03:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: South Wall 1
Project: EOG J LAZY J Battery
Collection Date: 10/21/2021 9:35:00 AM
Lab ID: 2110A64-014 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	320	60		mg/Kg	20	10/25/2021 7:11:52 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/25/2021 4:33:13 PM	63502
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/25/2021 4:33:13 PM	63502
Surr: DNOP	107	70-130		%Rec	1	10/25/2021 4:33:13 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2021 6:22:00 PM	63495
Surr: BFB	104	70-130		%Rec	1	10/25/2021 6:22:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 6:22:00 PM	63495
Toluene	ND	0.050		mg/Kg	1	10/25/2021 6:22:00 PM	63495
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2021 6:22:00 PM	63495
Xylenes, Total	ND	0.10		mg/Kg	1	10/25/2021 6:22:00 PM	63495
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	10/25/2021 6:22:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: South Wall 2
Project: EOG J LAZY J Battery
Collection Date: 10/21/2021 1:25:00 PM
Lab ID: 2110A64-015 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	310	60		mg/Kg	20	10/25/2021 7:24:17 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/25/2021 4:54:45 PM	63502
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/25/2021 4:54:45 PM	63502
Surr: DNOP	90.2	70-130		%Rec	1	10/25/2021 4:54:45 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2021 6:42:00 PM	63495
Surr: BFB	106	70-130		%Rec	1	10/25/2021 6:42:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 6:42:00 PM	63495
Toluene	ND	0.050		mg/Kg	1	10/25/2021 6:42:00 PM	63495
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2021 6:42:00 PM	63495
Xylenes, Total	ND	0.10		mg/Kg	1	10/25/2021 6:42:00 PM	63495
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	10/25/2021 6:42:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: North Wall 3
Project: EOG J LAZY J Battery
Collection Date: 10/21/2021 10:15:00 AM
Lab ID: 2110A64-016 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	320	60		mg/Kg	20	10/25/2021 7:36:42 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/25/2021 5:05:41 PM	63502
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/25/2021 5:05:41 PM	63502
Surr: DNOP	84.8	70-130		%Rec	1	10/25/2021 5:05:41 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/25/2021 7:02:00 PM	63495
Surr: BFB	103	70-130		%Rec	1	10/25/2021 7:02:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	10/25/2021 7:02:00 PM	63495
Toluene	ND	0.047		mg/Kg	1	10/25/2021 7:02:00 PM	63495
Ethylbenzene	ND	0.047		mg/Kg	1	10/25/2021 7:02:00 PM	63495
Xylenes, Total	ND	0.094		mg/Kg	1	10/25/2021 7:02:00 PM	63495
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	10/25/2021 7:02:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: North Wall 4
Project: EOG J LAZY J Battery
Collection Date: 10/21/2021 1:10:00 PM
Lab ID: 2110A64-017 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	310	60		mg/Kg	20	10/25/2021 7:49:06 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	10/25/2021 5:16:33 PM	63502
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/25/2021 5:16:33 PM	63502
Surr: DNOP	93.9	70-130		%Rec	1	10/25/2021 5:16:33 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2021 7:21:00 PM	63495
Surr: BFB	106	70-130		%Rec	1	10/25/2021 7:21:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 7:21:00 PM	63495
Toluene	ND	0.050		mg/Kg	1	10/25/2021 7:21:00 PM	63495
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2021 7:21:00 PM	63495
Xylenes, Total	ND	0.099		mg/Kg	1	10/25/2021 7:21:00 PM	63495
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	10/25/2021 7:21:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A64**
Date Reported: **10/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: West Wall 2
Project: EOG J LAZY J Battery
Collection Date: 10/21/2021 11:25:00 AM
Lab ID: 2110A64-018 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	310	60		mg/Kg	20	10/25/2021 8:01:31 PM	63550
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/25/2021 5:27:24 PM	63502
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/25/2021 5:27:24 PM	63502
Surr: DNOP	93.2	70-130		%Rec	1	10/25/2021 5:27:24 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/25/2021 7:41:00 PM	63495
Surr: BFB	110	70-130		%Rec	1	10/25/2021 7:41:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	10/25/2021 7:41:00 PM	63495
Toluene	ND	0.047		mg/Kg	1	10/25/2021 7:41:00 PM	63495
Ethylbenzene	ND	0.047		mg/Kg	1	10/25/2021 7:41:00 PM	63495
Xylenes, Total	ND	0.094		mg/Kg	1	10/25/2021 7:41:00 PM	63495
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	10/25/2021 7:41:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A64**

29-Oct-21

Client: Safety & Environmental Solutions

Project: EOG J LAZY J Battery

Sample ID: **MB-63548** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **63548** RunNo: **82340**

Prep Date: **10/25/2021** Analysis Date: **10/25/2021** SeqNo: **2919863** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63548** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **63548** RunNo: **82340**

Prep Date: **10/25/2021** Analysis Date: **10/25/2021** SeqNo: **2919865** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.6	90	110			

Sample ID: **MB-63550** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **63550** RunNo: **82344**

Prep Date: **10/25/2021** Analysis Date: **10/25/2021** SeqNo: **2920250** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63550** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **63550** RunNo: **82344**

Prep Date: **10/25/2021** Analysis Date: **10/25/2021** SeqNo: **2920251** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.7	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A64**

29-Oct-21

Client: Safety & Environmental Solutions

Project: EOG J LAZY J Battery

Sample ID: **LCS-63487** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63487** RunNo: **82289**
Prep Date: **10/22/2021** Analysis Date: **10/23/2021** SeqNo: **2917566** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	6.1		5.000		122	70	130			

Sample ID: **LCS-63488** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63488** RunNo: **82289**
Prep Date: **10/22/2021** Analysis Date: **10/23/2021** SeqNo: **2917567** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.5		5.000		109	70	130			

Sample ID: **LCS-63502** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63502** RunNo: **82289**
Prep Date: **10/22/2021** Analysis Date: **10/23/2021** SeqNo: **2917568** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.4	68.9	135			
Surr: DNOP	4.6		5.000		91.7	70	130			

Sample ID: **MB-63487** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63487** RunNo: **82289**
Prep Date: **10/22/2021** Analysis Date: **10/23/2021** SeqNo: **2917570** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		117	70	130			

Sample ID: **MB-63488** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63488** RunNo: **82289**
Prep Date: **10/22/2021** Analysis Date: **10/23/2021** SeqNo: **2917571** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		121	70	130			

Sample ID: **MB-63502** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63502** RunNo: **82289**
Prep Date: **10/22/2021** Analysis Date: **10/23/2021** SeqNo: **2917572** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.9		10.00		89.0	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A64**

29-Oct-21

Client: Safety & Environmental Solutions

Project: EOG J LAZY J Battery

Sample ID: **2110A64-001AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **SP-1 1ft** Batch ID: **63502** RunNo: **82295**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2918538** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.5	47.71	0	84.9	39.3	155			
Surr: DNOP	3.9		4.771		81.2	70	130			

Sample ID: **2110A64-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **SP-1 1ft** Batch ID: **63502** RunNo: **82295**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2918736** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	34	8.7	43.29	0	79.7	39.3	155	16.0	23.4	
Surr: DNOP	3.5		4.329		80.7	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A64**

29-Oct-21

Client: Safety & Environmental Solutions

Project: EOG J LAZY J Battery

Sample ID: **mb-63495** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **63495** RunNo: **82334**
Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919541** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		105	70	130			

Sample ID: **mb-63475** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **63475** RunNo: **82334**
Prep Date: **10/21/2021** Analysis Date: **10/25/2021** SeqNo: **2919542** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		101	70	130			

Sample ID: **lcs-63495** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **63495** RunNo: **82334**
Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919543** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	78.6	131			
Surr: BFB	1200		1000		120	70	130			

Sample ID: **lcs-63475** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **63475** RunNo: **82334**
Prep Date: **10/21/2021** Analysis Date: **10/25/2021** SeqNo: **2919544** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1200		1000		118	70	130			

Sample ID: **2110A64-001ams** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **SP-1 1ft** Batch ID: **63495** RunNo: **82334**
Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919545** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	41	23	23.34	0	175	61.3	114			S
Surr: BFB	5400		4669		115	70	130			

Sample ID: **2110A64-001amsd** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **SP-1 1ft** Batch ID: **63495** RunNo: **82334**
Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919547** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	34	24	23.95	0	141	61.3	114	19.4	20	S
Surr: BFB	5100		4789		107	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A64**

29-Oct-21

Client: Safety & Environmental Solutions

Project: EOG J LAZY J Battery

Sample ID: **mb-63495** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63495** RunNo: **82334**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919589** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		110	70	130			

Sample ID: **mb-63475** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63475** RunNo: **82334**

Prep Date: **10/21/2021** Analysis Date: **10/25/2021** SeqNo: **2919590** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

Sample ID: **lcs-63495** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63495** RunNo: **82334**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919591** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	99.5	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

Sample ID: **lcs-63475** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63475** RunNo: **82334**

Prep Date: **10/21/2021** Analysis Date: **10/25/2021** SeqNo: **2919592** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

Sample ID: **2110A64-002ams** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **SP-2 1ft** Batch ID: **63495** RunNo: **82334**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919593** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.3	0.024	0.9533	0	134	80	120			S
Toluene	1.3	0.048	0.9533	0	132	80	120			S
Ethylbenzene	1.3	0.048	0.9533	0	138	80	120			S
Xylenes, Total	3.9	0.095	2.860	0	137	80	120			S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A64**

29-Oct-21

Client: Safety & Environmental Solutions

Project: EOG J LAZY J Battery

Sample ID: **2110A64-002ams** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **SP-2 1ft** Batch ID: **63495** RunNo: **82334**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919593** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		0.9533		110	70	130			

Sample ID: **2110A64-002amsd** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **SP-2 1ft** Batch ID: **63495** RunNo: **82334**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919595** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.3	0.024	0.9569	0	138	80	120	3.54	20	S
Toluene	1.3	0.048	0.9569	0	136	80	120	2.95	20	S
Ethylbenzene	1.3	0.048	0.9569	0	138	80	120	0.741	20	S
Xylenes, Total	4.0	0.096	2.871	0	139	80	120	1.33	20	S
Surr: 4-Bromofluorobenzene	1.0		0.9569		108	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety & Environmental Solutions | Work Order Number: 2110A64 | RcptNo: 1

Received By: Cheyenne Cason 10/22/2021 7:15:00 AM

Completed By: Sean Livingston 10/22/2021 8:15:17 AM

Reviewed By: JR 10/22/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: 10.22.21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.3	Good				
2	0.4	Good				
3	1.9	Good				

Chain-of-Custody Record

Client: Safety & Environmental Solutions

Mailing Address: 703 E. Clinton Hobbs N.M 88240

Phone #: 575-397-0510

email or Fax#:

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☑ Rush Rush

Project Name: EOG Lizzy Bethany

Project #: EOG-21-002

Project Manager: Allen Bob

Sampler: Josh Jay

On Ice: ☑ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): Scott Remer (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2110A64	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chlorides
10/20	0915	S	SP-1 1 Ft	1	Ice	001	X	X									X
	0935	S	SP-2 1 Ft	1	Ice	002											
	0955	S	SP-3 1 Ft	1		003											
	1025	S	SP-4 1 Ft	1		004											
	1115	S	SP-5 1 Ft	1		005											
	1145	S	SP-6 1 Ft	1		006											
	1210	S	SP-7 1 Ft	1		007											
	1250	S	SP-8 1 Ft	1		008											
	1310	S	SP-9 1 Ft	1		009											
	1320	S	North Wall 1	1		010											
	1335	S	North Wall 2	1		011											
10/20	1355	S	West Wall 1	1		012	X	X									X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10/21	1630	Josh Jay				
10/21	1900				10/21	1700
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10/21	1900		CC courier		10/21/21	0715

Remarks: Rush

0.5 - 0.2 = 0.3
0.6 - 0.2 = 0.4
2.1 - 0.2 = 1.9

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Safety + Environmental Solution

Mailing Address: 703 E. Clinton Hobbs N.M 88240

Phone #: 575-397-0510

email or Fax#:

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☑ Rush Rush

Project Name: EOG Lazy J Battery

Project #: EOG-21-002

Project Manager: Allen, Bob

Sampler: Josi Jeary

On Ice: ☒ Yes ☐ No

# of Coolers: 3

Cooler Temp(including CF): See Footprint (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride
10/20	1415	S	East Well	1	Ice	013	X	X									X
10/21	0935	S	South Well 1	1	Ice	014											
	1325	S	South Well 2	1		015											
	1015	S	North Well 3	1		016											
	1310	S	North Well 4	1		017											
10/21	1125	S	West Well 2	1		018	X	X									X

Date	Time	Relinquished by	Received by	Via	Date	Time
10/21	1630	Josi Jeary				
10/21/21	1700				10/21/21	1700
10/21/21	1700				10/22/21	0715

Remarks: Rush

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

November 04, 2021

Bob Allen

Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 397-0510
FAX (575) 393-4388

RE: EOG J LAZY J Flowline OrderNo.: 2110A67

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 9 sample(s) on 10/22/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2110A67**
Date Reported: **11/4/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-1 3ft
Project: EOG J LAZY J Flowline
Collection Date: 10/18/2021 9:10:00 AM
Lab ID: 2110A67-001 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	80	60		mg/Kg	20	10/25/2021 6:57:37 PM	63520
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/25/2021 5:49:03 PM	63502
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/25/2021 5:49:03 PM	63502
Surr: DNOP	90.9	70-130		%Rec	1	10/25/2021 5:49:03 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2021 8:00:00 PM	63495
Surr: BFB	104	70-130		%Rec	1	10/25/2021 8:00:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 8:00:00 PM	63495
Toluene	ND	0.050		mg/Kg	1	10/25/2021 8:00:00 PM	63495
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2021 8:00:00 PM	63495
Xylenes, Total	ND	0.099		mg/Kg	1	10/25/2021 8:00:00 PM	63495
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	10/25/2021 8:00:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2110A67**
Date Reported: **11/4/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-2 3ft
Project: EOG J LAZY J Flowline
Collection Date: 10/18/2021 9:20:00 AM
Lab ID: 2110A67-002 **Matrix:** SOIL **Received Date:** 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	76	60		mg/Kg	20	10/25/2021 4:42:12 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/25/2021 6:10:47 PM	63502
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/25/2021 6:10:47 PM	63502
Surr: DNOP	98.4	70-130		%Rec	1	10/25/2021 6:10:47 PM	63502
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/25/2021 8:20:00 PM	63495
Surr: BFB	108	70-130		%Rec	1	10/25/2021 8:20:00 PM	63495
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	10/25/2021 8:20:00 PM	63495
Toluene	ND	0.048		mg/Kg	1	10/25/2021 8:20:00 PM	63495
Ethylbenzene	ND	0.048		mg/Kg	1	10/25/2021 8:20:00 PM	63495
Xylenes, Total	ND	0.096		mg/Kg	1	10/25/2021 8:20:00 PM	63495
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	10/25/2021 8:20:00 PM	63495

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A67**
Date Reported: **11/4/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-3 3ft
Project: EOG J LAZY J Flowline
Collection Date: 10/18/2021 9:40:00 AM
Lab ID: 2110A67-003 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	260	60		mg/Kg	20	10/25/2021 4:54:37 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	10/26/2021 3:44:29 PM	63521
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/26/2021 3:44:29 PM	63521
Surr: DNOP	114	70-130		%Rec	1	10/26/2021 3:44:29 PM	63521
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2021 3:37:27 PM	63500
Surr: BFB	103	70-130		%Rec	1	10/25/2021 3:37:27 PM	63500
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 3:37:27 PM	63500
Toluene	ND	0.049		mg/Kg	1	10/25/2021 3:37:27 PM	63500
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2021 3:37:27 PM	63500
Xylenes, Total	ND	0.099		mg/Kg	1	10/25/2021 3:37:27 PM	63500
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	10/25/2021 3:37:27 PM	63500

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A67**
Date Reported: **11/4/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: SP-4 3ft
Project: EOG J LAZY J Flowline
Collection Date: 10/18/2021 10:00:00 AM
Lab ID: 2110A67-004 **Matrix:** SOIL **Received Date:** 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	120	60		mg/Kg	20	10/25/2021 5:07:02 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	10/26/2021 3:55:21 PM	63521
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	10/26/2021 3:55:21 PM	63521
Surr: DNOP	90.7	70-130		%Rec	1	10/26/2021 3:55:21 PM	63521
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2021 4:47:32 PM	63500
Surr: BFB	106	70-130		%Rec	1	10/25/2021 4:47:32 PM	63500
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 4:47:32 PM	63500
Toluene	ND	0.050		mg/Kg	1	10/25/2021 4:47:32 PM	63500
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2021 4:47:32 PM	63500
Xylenes, Total	ND	0.099		mg/Kg	1	10/25/2021 4:47:32 PM	63500
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	10/25/2021 4:47:32 PM	63500

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A67**
Date Reported: **11/4/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: East Wall
Project: EOG J LAZY J Flowline
Collection Date: 10/18/2021 11:15:00 AM
Lab ID: 2110A67-005 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	260	60		mg/Kg	20	10/25/2021 5:19:26 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	10/26/2021 4:06:14 PM	63521
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	10/26/2021 4:06:14 PM	63521
Surr: DNOP	99.9	70-130		%Rec	1	10/26/2021 4:06:14 PM	63521
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2021 6:20:54 PM	63500
Surr: BFB	102	70-130		%Rec	1	10/25/2021 6:20:54 PM	63500
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 6:20:54 PM	63500
Toluene	ND	0.050		mg/Kg	1	10/25/2021 6:20:54 PM	63500
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2021 6:20:54 PM	63500
Xylenes, Total	ND	0.10		mg/Kg	1	10/25/2021 6:20:54 PM	63500
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	10/25/2021 6:20:54 PM	63500

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A67**
Date Reported: **11/4/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: South Wall 1
Project: EOG J LAZY J Flowline
Collection Date: 10/18/2021 11:40:00 AM
Lab ID: 2110A67-006 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	250	59		mg/Kg	20	10/25/2021 5:31:50 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	10/26/2021 2:28:30 PM	63521
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/26/2021 2:28:30 PM	63521
Surr: DNOP	117	70-130		%Rec	1	10/26/2021 2:28:30 PM	63521
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2021 6:44:16 PM	63500
Surr: BFB	102	70-130		%Rec	1	10/25/2021 6:44:16 PM	63500
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 6:44:16 PM	63500
Toluene	ND	0.050		mg/Kg	1	10/25/2021 6:44:16 PM	63500
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2021 6:44:16 PM	63500
Xylenes, Total	ND	0.10		mg/Kg	1	10/25/2021 6:44:16 PM	63500
Surr: 4-Bromofluorobenzene	84.3	70-130		%Rec	1	10/25/2021 6:44:16 PM	63500

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A67**
Date Reported: **11/4/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: West Wall
Project: EOG J LAZY J Flowline
Collection Date: 10/18/2021 11:55:00 AM
Lab ID: 2110A67-007 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	250	60		mg/Kg	20	10/25/2021 5:44:15 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/2/2021 5:57:02 PM	63683
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/2/2021 5:57:02 PM	63683
Surr: DNOP	93.6	70-130		%Rec	1	11/2/2021 5:57:02 PM	63683
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/25/2021 7:07:38 PM	63500
Surr: BFB	104	70-130		%Rec	1	10/25/2021 7:07:38 PM	63500
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	10/25/2021 7:07:38 PM	63500
Toluene	ND	0.048		mg/Kg	1	10/25/2021 7:07:38 PM	63500
Ethylbenzene	ND	0.048		mg/Kg	1	10/25/2021 7:07:38 PM	63500
Xylenes, Total	ND	0.096		mg/Kg	1	10/25/2021 7:07:38 PM	63500
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	10/25/2021 7:07:38 PM	63500

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A67**
Date Reported: **11/4/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: South Wall 2
Project: EOG J LAZY J Flowline
Collection Date: 10/18/2021 1:10:00 PM
Lab ID: 2110A67-008 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	10/25/2021 5:56:39 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	10/26/2021 2:02:58 PM	63521
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/26/2021 2:02:58 PM	63521
Surr: DNOP	118	70-130		%Rec	1	10/26/2021 2:02:58 PM	63521
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/25/2021 7:31:22 PM	63500
Surr: BFB	107	70-130		%Rec	1	10/25/2021 7:31:22 PM	63500
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 7:31:22 PM	63500
Toluene	ND	0.050		mg/Kg	1	10/25/2021 7:31:22 PM	63500
Ethylbenzene	ND	0.050		mg/Kg	1	10/25/2021 7:31:22 PM	63500
Xylenes, Total	ND	0.10		mg/Kg	1	10/25/2021 7:31:22 PM	63500
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	10/25/2021 7:31:22 PM	63500

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2110A67**
Date Reported: **11/4/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: South Wall 3
Project: EOG J LAZY J Flowline
Collection Date: 10/18/2021 1:30:00 PM
Lab ID: 2110A67-009 **Matrix:** SOIL
Received Date: 10/22/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	75	60		mg/Kg	20	10/25/2021 6:33:52 PM	63548
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	10/26/2021 2:15:40 PM	63521
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/26/2021 2:15:40 PM	63521
Surr: DNOP	91.6	70-130		%Rec	1	10/26/2021 2:15:40 PM	63521
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/25/2021 7:54:35 PM	63500
Surr: BFB	105	70-130		%Rec	1	10/25/2021 7:54:35 PM	63500
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	10/25/2021 7:54:35 PM	63500
Toluene	ND	0.049		mg/Kg	1	10/25/2021 7:54:35 PM	63500
Ethylbenzene	ND	0.049		mg/Kg	1	10/25/2021 7:54:35 PM	63500
Xylenes, Total	ND	0.099		mg/Kg	1	10/25/2021 7:54:35 PM	63500
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	10/25/2021 7:54:35 PM	63500

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A67**

04-Nov-21

Client: Safety & Environmental Solutions

Project: EOG J LAZY J Flowline

Sample ID: **MB-63548** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **63548** RunNo: **82340**

Prep Date: **10/25/2021** Analysis Date: **10/25/2021** SeqNo: **2919863** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63548** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **63548** RunNo: **82340**

Prep Date: **10/25/2021** Analysis Date: **10/25/2021** SeqNo: **2919865** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.6	90	110			

Sample ID: **MB-63520** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **63520** RunNo: **82341**

Prep Date: **10/25/2021** Analysis Date: **10/25/2021** SeqNo: **2920116** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-63520** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **63520** RunNo: **82341**

Prep Date: **10/25/2021** Analysis Date: **10/25/2021** SeqNo: **2920117** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.3	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A67**
04-Nov-21

Client: Safety & Environmental Solutions
Project: EOG J LAZY J Flowline

Sample ID: **LCS-63502** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63502** RunNo: **82289**
Prep Date: **10/22/2021** Analysis Date: **10/23/2021** SeqNo: **2917568** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.4	68.9	135			
Surr: DNOP	4.6		5.000		91.7	70	130			

Sample ID: **MB-63502** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63502** RunNo: **82289**
Prep Date: **10/22/2021** Analysis Date: **10/23/2021** SeqNo: **2917572** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.9		10.00		89.0	70	130			

Sample ID: **MB-63521** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63521** RunNo: **82349**
Prep Date: **10/25/2021** Analysis Date: **10/26/2021** SeqNo: **2920856** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.8		10.00		97.7	70	130			

Sample ID: **LCS-63521** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **63521** RunNo: **82442**
Prep Date: **10/25/2021** Analysis Date: **10/29/2021** SeqNo: **2926908** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	113	68.9	135			
Surr: DNOP	5.8		5.000		117	70	130			

Sample ID: **MB-63683** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **63683** RunNo: **82509**
Prep Date: **11/1/2021** Analysis Date: **11/2/2021** SeqNo: **2928436** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		89.7	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A67**
04-Nov-21

Client: Safety & Environmental Solutions
Project: EOG J LAZY J Flowline

Sample ID: **LCS-63683**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **63683**	RunNo: **82502**
Prep Date: **11/1/2021**	Analysis Date: **11/2/2021**	SeqNo: **2928447** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.9	68.9	135			
Surr: DNOP	4.9		5.000		97.5	70	130			

Sample ID: **MB-63683**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **63683**	RunNo: **82502**
Prep Date: **11/1/2021**	Analysis Date: **11/2/2021**	SeqNo: **2928449** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.9		10.00		89.2	70	130			

Sample ID: **MB-63683**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **63683**	RunNo: **82508**
Prep Date: **11/1/2021**	Analysis Date: **11/2/2021**	SeqNo: **2928454** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		93.4	70	130			

Sample ID: **MB-63683**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **63683**	RunNo: **82522**
Prep Date: **11/1/2021**	Analysis Date: **11/2/2021**	SeqNo: **2928700** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.7	70	130			

Sample ID: **2110A67-007AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **West Wall**	Batch ID: **63683**	RunNo: **82508**
Prep Date: **11/1/2021**	Analysis Date: **11/2/2021**	SeqNo: **2929139** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	9.4	46.77	6.871	97.9	39.3	155	8.28	23.4	
Surr: DNOP	5.2		4.677		111	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A67**
04-Nov-21

Client: Safety & Environmental Solutions
Project: EOG J LAZY J Flowline

Sample ID: **2110A67-007AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **West Wall** Batch ID: **63683** RunNo: **82508**
Prep Date: **11/1/2021** Analysis Date: **11/2/2021** SeqNo: **2929140** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.7	48.59	6.871	85.6	39.3	155			
Surr: DNOP	4.8		4.859		98.9	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A67**
04-Nov-21

Client: Safety & Environmental Solutions
Project: EOG J LAZY J Flowline

Sample ID: **mb-63500** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **63500** RunNo: **82332**
Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919430** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	70	130			

Sample ID: **lcs-63500** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **63500** RunNo: **82332**
Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919431** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	109	78.6	131			
Surr: BFB	1100		1000		112	70	130			

Sample ID: **mb-63495** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **63495** RunNo: **82334**
Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919541** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		105	70	130			

Sample ID: **lcs-63495** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **63495** RunNo: **82334**
Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919543** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	78.6	131			
Surr: BFB	1200		1000		120	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A67**

04-Nov-21

Client: Safety & Environmental Solutions

Project: EOG J LAZY J Flowline

Sample ID: **mb-63500** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63500** RunNo: **82332**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919475** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.87		1.000		87.0	70	130			

Sample ID: **LCS-63500** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63500** RunNo: **82332**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919476** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.0	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.5	70	130			

Sample ID: **2110a67-003ams** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **SP-3 3ft** Batch ID: **63500** RunNo: **82332**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919479** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.3	0.025	0.9862	0	127	80	120			S
Toluene	1.3	0.049	0.9862	0	130	80	120			S
Ethylbenzene	1.3	0.049	0.9862	0	129	80	120			S
Xylenes, Total	3.7	0.099	2.959	0	125	80	120			S
Surr: 4-Bromofluorobenzene	0.89		0.9862		89.9	70	130			

Sample ID: **2110a67-003amsd** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **SP-3 3ft** Batch ID: **63500** RunNo: **82332**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919480** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.3	0.025	0.9823	0	132	80	120	2.98	20	S
Toluene	1.3	0.049	0.9823	0	133	80	120	1.97	20	S
Ethylbenzene	1.3	0.049	0.9823	0	132	80	120	1.86	20	S
Xylenes, Total	3.8	0.098	2.947	0	131	80	120	4.06	20	S
Surr: 4-Bromofluorobenzene	0.91		0.9823		92.3	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2110A67**

04-Nov-21

Client: Safety & Environmental Solutions

Project: EOG J LAZY J Flowline

Sample ID: **mb-63495** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **63495** RunNo: **82334**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919589** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		110	70	130			

Sample ID: **lcs-63495** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **63495** RunNo: **82334**

Prep Date: **10/22/2021** Analysis Date: **10/25/2021** SeqNo: **2919591** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	99.5	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety & Environmental Solutions | Work Order Number: 2110A67 | RcptNo: 1

Received By: Cheyenne Cason 10/22/2021 7:15:00 AM

Completed By: Sean Livingston 10/22/2021 8:36:02 AM

Reviewed By: JR 10/22/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JR 10-22-21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.3	Good				
2	0.4	Good				
3	1.9	Good				

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Client: Safety + Environmental Solutions

Mailing Address: 703 E Clinton Hobbs NM 88240

Phone #: 575-397-0510

email or Fax#:

QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ☐ Standard ☒ Rush Rush

Project Name: EOG Slazy J Flowline

Project #: EOG-21-002

Project Manager: Allen Bob

Sampler: [signature]

On Ice: ☒ Yes ☐ No

# of Coolers: 3

Cooler Temp (including CF): See first page Remark (°C)

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2110A67	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chlorides
10/18	0910	S	SP1 3ft	/	Ice	001	X	X									X
	0920	S	SP2 3ft	/	Neat	002											
	0940	S	SP3 3ft	/		003											
	1000	S	SP4 3ft	/		004											
	1115	S	East Wall	/		005											
	1140	S	South Wall 1	/		006											
	1155	S	West Wall	/		007											
	1310	S	South Wall 2	/		008											
10/18	1330	S	South Wall 3	/		009	X	X									X

Date	Time	Relinquished by	Received by	Via	Date	Time
10/21	1630	[signature]	[signature]		10/21/21	1700
10/21/21	1900	[signature]	[signature] 10/22/21 0715			

Remarks: "Rush"
0.5-0.2=0.3
0.6-0.2=0.4
2.1-0.2=1.9

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

December 27, 2021

Bob Allen
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 397-0510
FAX: (575) 393-4388

RE: EOG J Lazy J OrderNo.: 2112A29

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 5 sample(s) on 12/16/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2112A29**
Date Reported: **12/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 10'
Project: EOG J Lazy J
Collection Date: 12/14/2021 10:20:00 AM
Lab ID: 2112A29-001 **Matrix:** SOIL
Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	750	60		mg/Kg	20	12/21/2021 10:44:56 PM	64679
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/20/2021 9:13:58 PM	64586
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/20/2021 9:13:58 PM	64586
Surr: DNOP	116	70-130		%Rec	1	12/20/2021 9:13:58 PM	64586
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/18/2021 6:37:09 AM	64564
Surr: BFB	87.6	70-130		%Rec	1	12/18/2021 6:37:09 AM	64564
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	12/18/2021 6:37:09 AM	64564
Toluene	ND	0.049		mg/Kg	1	12/18/2021 6:37:09 AM	64564
Ethylbenzene	ND	0.049		mg/Kg	1	12/18/2021 6:37:09 AM	64564
Xylenes, Total	ND	0.098		mg/Kg	1	12/18/2021 6:37:09 AM	64564
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	12/18/2021 6:37:09 AM	64564

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112A29**
Date Reported: **12/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 20'
Project: EOG J Lazy J
Collection Date: 12/14/2021 11:40:00 AM
Lab ID: 2112A29-002 **Matrix:** SOIL
Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	730	61		mg/Kg	20	12/21/2021 10:57:17 PM	64679
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	12/20/2021 9:24:34 PM	64586
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/20/2021 9:24:34 PM	64586
Surr: DNOP	116	70-130		%Rec	1	12/20/2021 9:24:34 PM	64586
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/18/2021 7:00:04 AM	64564
Surr: BFB	88.8	70-130		%Rec	1	12/18/2021 7:00:04 AM	64564
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	12/18/2021 7:00:04 AM	64564
Toluene	ND	0.049		mg/Kg	1	12/18/2021 7:00:04 AM	64564
Ethylbenzene	ND	0.049		mg/Kg	1	12/18/2021 7:00:04 AM	64564
Xylenes, Total	ND	0.097		mg/Kg	1	12/18/2021 7:00:04 AM	64564
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	12/18/2021 7:00:04 AM	64564

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112A29**
Date Reported: **12/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 30-32'
Project: EOG J Lazy J
Collection Date: 12/14/2021 3:15:00 PM
Lab ID: 2112A29-003 **Matrix:** SOIL
Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	480	60		mg/Kg	20	12/21/2021 11:09:38 PM	64679
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/20/2021 9:35:07 PM	64586
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/20/2021 9:35:07 PM	64586
Surr: DNOP	136	70-130	S	%Rec	1	12/20/2021 9:35:07 PM	64586
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/18/2021 7:22:59 AM	64564
Surr: BFB	88.2	70-130		%Rec	1	12/18/2021 7:22:59 AM	64564
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	12/18/2021 7:22:59 AM	64564
Toluene	ND	0.050		mg/Kg	1	12/18/2021 7:22:59 AM	64564
Ethylbenzene	ND	0.050		mg/Kg	1	12/18/2021 7:22:59 AM	64564
Xylenes, Total	ND	0.10		mg/Kg	1	12/18/2021 7:22:59 AM	64564
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	12/18/2021 7:22:59 AM	64564

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112A29**
Date Reported: **12/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 37'
Project: EOG J Lazy J
Collection Date: 12/14/2021 3:50:00 PM
Lab ID: 2112A29-004 **Matrix:** SOIL **Received Date:** 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	910	60		mg/Kg	20	12/21/2021 11:21:59 PM	64679
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/20/2021 9:45:38 PM	64586
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/20/2021 9:45:38 PM	64586
Surr: DNOP	121	70-130		%Rec	1	12/20/2021 9:45:38 PM	64586
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/18/2021 7:45:58 AM	64564
Surr: BFB	89.0	70-130		%Rec	1	12/18/2021 7:45:58 AM	64564
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	12/18/2021 7:45:58 AM	64564
Toluene	ND	0.050		mg/Kg	1	12/18/2021 7:45:58 AM	64564
Ethylbenzene	ND	0.050		mg/Kg	1	12/18/2021 7:45:58 AM	64564
Xylenes, Total	ND	0.10		mg/Kg	1	12/18/2021 7:45:58 AM	64564
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	12/18/2021 7:45:58 AM	64564

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112A29**
Date Reported: **12/27/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 40'
Project: EOG J Lazy J
Collection Date: 12/14/2021 4:20:00 PM
Lab ID: 2112A29-005 **Matrix:** SOIL
Received Date: 12/16/2021 7:52:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1400	60		mg/Kg	20	12/21/2021 11:34:20 PM	64679
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/20/2021 9:56:06 PM	64586
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/20/2021 9:56:06 PM	64586
Surr: DNOP	117	70-130		%Rec	1	12/20/2021 9:56:06 PM	64586
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/18/2021 8:33:00 AM	64564
Surr: BFB	95.2	70-130		%Rec	1	12/18/2021 8:33:00 AM	64564
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	12/18/2021 8:33:00 AM	64564
Toluene	ND	0.050		mg/Kg	1	12/18/2021 8:33:00 AM	64564
Ethylbenzene	ND	0.050		mg/Kg	1	12/18/2021 8:33:00 AM	64564
Xylenes, Total	ND	0.10		mg/Kg	1	12/18/2021 8:33:00 AM	64564
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	12/18/2021 8:33:00 AM	64564

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112A29**

27-Dec-21

Client: Safety & Environmental Solutions

Project: EOG J Lazy J

Sample ID: **MB-64679**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **64679**	RunNo: **84700**							
Prep Date: **12/21/2021**	Analysis Date: **12/21/2021**	SeqNo: **2979632**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-64679**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **64679**	RunNo: **84700**							
Prep Date: **12/21/2021**	Analysis Date: **12/21/2021**	SeqNo: **2979633**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.3	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112A29**

27-Dec-21

Client: Safety & Environmental Solutions

Project: EOG J Lazy J

Sample ID: **MB-64586**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **64586**	RunNo: **84661**
Prep Date: **12/17/2021**	Analysis Date: **12/20/2021**	SeqNo: **2977486** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		108	70	130			

Sample ID: **LCS-64586**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **64586**	RunNo: **84661**
Prep Date: **12/17/2021**	Analysis Date: **12/20/2021**	SeqNo: **2977487** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	91.6	68.9	135			
Surr: DNOP	4.5		5.000		90.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112A29**

27-Dec-21

Client: Safety & Environmental Solutions

Project: EOG J Lazy J

Sample ID: **mb-64564**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **64564**	RunNo: **84655**
Prep Date: **12/16/2021**	Analysis Date: **12/17/2021**	SeqNo: **2976051** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		96.6	70	130			

Sample ID: **lcs-64564**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **64564**	RunNo: **84655**
Prep Date: **12/16/2021**	Analysis Date: **12/17/2021**	SeqNo: **2976052** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.3	78.6	131			
Surr: BFB	1100		1000		111	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112A29**

27-Dec-21

Client: Safety & Environmental Solutions

Project: EOG J Lazy J

Sample ID: **mb-64564**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **64564**	RunNo: **84655**
Prep Date: **12/16/2021**	Analysis Date: **12/17/2021**	SeqNo: **2976108** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		100	70	130			

Sample ID: **LCS-64564**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **64564**	RunNo: **84655**
Prep Date: **12/16/2021**	Analysis Date: **12/17/2021**	SeqNo: **2976109** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.1	80	120			
Toluene	0.95	0.050	1.000	0	94.9	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.5	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.2	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: **Safety & Environmental Solutions** Work Order Number: **2112A29** RcptNo: **1**

Received By: **Cheyenne Cason** **12/16/2021 7:52:00 AM**

Completed By: **Desiree Dominguez** **12/16/2021 9:31:14 AM**

Reviewed By: KVG 12/16/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: JR 12/16/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.7	Good				

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Client: Safety & Env. Solutions

Mailing Address: P.O. Box 1613 Hobbs

Phone #: (575) 390-7067

email or Fax#: dboyer@sesi-nm.com

QA/QC Package: ☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other ________

☐ EDD (Type) ________

Turn-Around Time: ☐ Standard ☒ Rush 5-day

Project Name: EOG J. Leggy J

Project #: EOG-21-002

Project Manager: Bob Allen

Sampler: David Boyer

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 1.8-0.1=1.7 (°C)

Analysis Request

Date (2021)	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2112A29	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chlorides					
12/14	~~1558~~	Soil	N. Borehole 10'	1 glass	Cool	-001	X	X									X					
~~AB~~	~~1020~~		~~AB~~																			
12/14	1140	Soil	N. Borehole 20'	1 glass	Cool	-002	X	X									X					
|	1515	|	N. Borehole 30-32'	|	|	-003	|	|									|					
|	1550	|	N. Borehole 37'	|		-004	|	|								|				
12/14	1620	Soil	N. Borehole 40'	1 glass	Cool	-005	X	X									X					

Date	Time	Relinquished by	Received by	Via	Date	Time
12/15	1300	D.E. Boyer	[signature]		12/15/21	1300
12/15/21	1900	[signature]	[signature]	Courier	12/16/21	0752

Remarks: Invoice to EOG, ATTN. Chase Settle

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

December 30, 2021

Bob Allen
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 397-0510
FAX: (575) 393-4388

RE: EOG J Lazy J OrderNo.: 2112C10

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 6 sample(s) on 12/21/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2112C10**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 42'
Project: EOG J Lazy J
Collection Date: 12/16/2021 9:15:00 AM
Lab ID: 2112C10-001 **Matrix:** SOIL
Received Date: 12/21/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	1800	60		mg/Kg	20	12/27/2021 8:34:58 PM	64737
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/23/2021 10:12:03 AM	64689
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/23/2021 10:12:03 AM	64689
Surr: DNOP	98.4	70-130		%Rec	1	12/23/2021 10:12:03 AM	64689
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/22/2021 6:49:00 AM	64672
Surr: BFB	93.4	70-130		%Rec	1	12/22/2021 6:49:00 AM	64672
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	12/22/2021 6:49:00 AM	64672
Toluene	ND	0.048		mg/Kg	1	12/22/2021 6:49:00 AM	64672
Ethylbenzene	ND	0.048		mg/Kg	1	12/22/2021 6:49:00 AM	64672
Xylenes, Total	ND	0.096		mg/Kg	1	12/22/2021 6:49:00 AM	64672
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	12/22/2021 6:49:00 AM	64672

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C10**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 47'
Project: EOG J Lazy J
Collection Date: 12/16/2021 9:45:00 AM
Lab ID: 2112C10-002 **Matrix:** SOIL
Received Date: 12/21/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	2300	150		mg/Kg	50	12/28/2021 11:56:37 AM	64737
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	12/23/2021 10:22:33 AM	64689
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/23/2021 10:22:33 AM	64689
Surr: DNOP	102	70-130		%Rec	1	12/23/2021 10:22:33 AM	64689
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/22/2021 7:49:00 AM	64672
Surr: BFB	85.2	70-130		%Rec	1	12/22/2021 7:49:00 AM	64672
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	12/22/2021 7:49:00 AM	64672
Toluene	ND	0.049		mg/Kg	1	12/22/2021 7:49:00 AM	64672
Ethylbenzene	ND	0.049		mg/Kg	1	12/22/2021 7:49:00 AM	64672
Xylenes, Total	ND	0.097		mg/Kg	1	12/22/2021 7:49:00 AM	64672
Surr: 4-Bromofluorobenzene	75.8	70-130		%Rec	1	12/22/2021 7:49:00 AM	64672

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C10**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 52'
Project: EOG J Lazy J
Collection Date: 12/16/2021 11:20:00 AM
Lab ID: 2112C10-003 **Matrix:** SOIL
Received Date: 12/21/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	4100	150		mg/Kg	50	12/28/2021 12:09:02 PM	64737
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/23/2021 10:33:05 AM	64689
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/23/2021 10:33:05 AM	64689
Surr: DNOP	102	70-130		%Rec	1	12/23/2021 10:33:05 AM	64689
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	12/22/2021 8:47:00 AM	64672
Surr: BFB	86.9	70-130		%Rec	1	12/22/2021 8:47:00 AM	64672
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	12/22/2021 8:47:00 AM	64672
Toluene	ND	0.046		mg/Kg	1	12/22/2021 8:47:00 AM	64672
Ethylbenzene	ND	0.046		mg/Kg	1	12/22/2021 8:47:00 AM	64672
Xylenes, Total	ND	0.093		mg/Kg	1	12/22/2021 8:47:00 AM	64672
Surr: 4-Bromofluorobenzene	76.3	70-130		%Rec	1	12/22/2021 8:47:00 AM	64672

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C10**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 57'
Project: EOG J Lazy J
Collection Date: 12/16/2021 12:15:00 PM
Lab ID: 2112C10-004 **Matrix:** SOIL
Received Date: 12/21/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	2900	150		mg/Kg	50	12/28/2021 12:46:15 PM	64737
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	21	9.7		mg/Kg	1	12/23/2021 10:43:39 AM	64689
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/23/2021 10:43:39 AM	64689
Surr: DNOP	102	70-130		%Rec	1	12/23/2021 10:43:39 AM	64689
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/22/2021 9:07:00 AM	64672
Surr: BFB	84.0	70-130		%Rec	1	12/22/2021 9:07:00 AM	64672
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	12/22/2021 9:07:00 AM	64672
Toluene	ND	0.047		mg/Kg	1	12/22/2021 9:07:00 AM	64672
Ethylbenzene	ND	0.047		mg/Kg	1	12/22/2021 9:07:00 AM	64672
Xylenes, Total	ND	0.095		mg/Kg	1	12/22/2021 9:07:00 AM	64672
Surr: 4-Bromofluorobenzene	80.2	70-130		%Rec	1	12/22/2021 9:07:00 AM	64672

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C10**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 62'
Project: EOG J Lazy J
Collection Date: 12/16/2021 2:05:00 PM
Lab ID: 2112C10-005 **Matrix:** SOIL
Received Date: 12/21/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	4900	300		mg/Kg	100	12/28/2021 12:58:40 PM	64737
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	12/23/2021 10:54:11 AM	64689
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/23/2021 10:54:11 AM	64689
Surr: DNOP	106	70-130		%Rec	1	12/23/2021 10:54:11 AM	64689
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/22/2021 9:26:00 AM	64672
Surr: BFB	82.9	70-130		%Rec	1	12/22/2021 9:26:00 AM	64672
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	12/22/2021 9:26:00 AM	64672
Toluene	ND	0.048		mg/Kg	1	12/22/2021 9:26:00 AM	64672
Ethylbenzene	ND	0.048		mg/Kg	1	12/22/2021 9:26:00 AM	64672
Xylenes, Total	ND	0.095		mg/Kg	1	12/22/2021 9:26:00 AM	64672
Surr: 4-Bromofluorobenzene	77.6	70-130		%Rec	1	12/22/2021 9:26:00 AM	64672

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C10**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions
Client Sample ID: N. Borehole 67'
Project: EOG J Lazy J
Collection Date: 12/16/2021 3:10:00 PM
Lab ID: 2112C10-006 **Matrix:** SOIL
Received Date: 12/21/2021 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	4900	300		mg/Kg	100	12/28/2021 1:11:05 PM	64737
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/23/2021 11:04:43 AM	64689
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/23/2021 11:04:43 AM	64689
Surr: DNOP	90.9	70-130		%Rec	1	12/23/2021 11:04:43 AM	64689
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/22/2021 9:46:00 AM	64672
Surr: BFB	81.0	70-130		%Rec	1	12/22/2021 9:46:00 AM	64672
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	12/22/2021 9:46:00 AM	64672
Toluene	ND	0.048		mg/Kg	1	12/22/2021 9:46:00 AM	64672
Ethylbenzene	ND	0.048		mg/Kg	1	12/22/2021 9:46:00 AM	64672
Xylenes, Total	ND	0.096		mg/Kg	1	12/22/2021 9:46:00 AM	64672
Surr: 4-Bromofluorobenzene	78.8	70-130		%Rec	1	12/22/2021 9:46:00 AM	64672

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112C10**

30-Dec-21

Client: Safety & Environmental Solutions

Project: EOG J Lazy J

Sample ID: **MB-64737**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **64737**	RunNo: **84790**							
Prep Date: **12/27/2021**	Analysis Date: **12/27/2021**	SeqNo: **2983088**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-64737**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **64737**	RunNo: **84790**							
Prep Date: **12/27/2021**	Analysis Date: **12/27/2021**	SeqNo: **2983089**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112C10**

30-Dec-21

Client: Safety & Environmental Solutions

Project: EOG J Lazy J

Sample ID: **LCS-64689**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **64689**	RunNo: **84753**
Prep Date: **12/22/2021**	Analysis Date: **12/23/2021**	SeqNo: **2980585** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	97.8	68.9	135			
Surr: DNOP	5.3		5.000		106	70	130			

Sample ID: **MB-64689**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **64689**	RunNo: **84753**
Prep Date: **12/22/2021**	Analysis Date: **12/23/2021**	SeqNo: **2980586** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		112	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112C10**

30-Dec-21

Client: Safety & Environmental Solutions

Project: EOG J Lazy J

Sample ID: **mb-64672**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **64672**	RunNo: **84715**
Prep Date: **12/21/2021**	Analysis Date: **12/22/2021**	SeqNo: **2978906** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	880		1000		88.3	70	130			

Sample ID: **lcs-64672**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **64672**	RunNo: **84715**
Prep Date: **12/21/2021**	Analysis Date: **12/22/2021**	SeqNo: **2978907** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	106	78.6	131			
Surr: BFB	1000		1000		104	70	130			

Sample ID: **2112C10-001ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **N. Borehole 42'**	Batch ID: **64672**	RunNo: **84715**
Prep Date: **12/21/2021**	Analysis Date: **12/22/2021**	SeqNo: **2979006** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.7	23.70	0	99.2	61.3	114			
Surr: BFB	970		947.9		102	70	130			

Sample ID: **2112C10-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **N. Borehole 42'**	Batch ID: **64672**	RunNo: **84715**
Prep Date: **12/21/2021**	Analysis Date: **12/22/2021**	SeqNo: **2981393** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.8	23.85	0	122	61.3	114	21.5	20	RS
Surr: BFB	1000		954.2		108	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112C10**

30-Dec-21

Client: Safety & Environmental Solutions

Project: EOG J Lazy J

Sample ID: **mb-64672**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **64672**	RunNo: **84715**
Prep Date: **12/21/2021**	Analysis Date: **12/22/2021**	SeqNo: **2978909** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.82		1.000		82.2	70	130			

Sample ID: **lcs-64672**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **64672**	RunNo: **84715**
Prep Date: **12/21/2021**	Analysis Date: **12/22/2021**	SeqNo: **2978910** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.2	80	120			
Toluene	0.91	0.050	1.000	0	91.5	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.0	80	120			
Xylenes, Total	2.7	0.10	3.000	0	88.9	80	120			
Surr: 4-Bromofluorobenzene	0.80		1.000		80.5	70	130			

Sample ID: **2112C10-002ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **N. Borehole 47'**	Batch ID: **64672**	RunNo: **84715**
Prep Date: **12/21/2021**	Analysis Date: **12/22/2021**	SeqNo: **2981435** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.024	0.9709	0	99.9	80	120			
Toluene	0.98	0.049	0.9709	0	101	80	120			
Ethylbenzene	1.0	0.049	0.9709	0	103	80	120			
Xylenes, Total	2.9	0.097	2.913	0	101	80	120			
Surr: 4-Bromofluorobenzene	0.81		0.9709		83.2	70	130			

Sample ID: **2112C10-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **N. Borehole 47'**	Batch ID: **64672**	RunNo: **84715**
Prep Date: **12/21/2021**	Analysis Date: **12/22/2021**	SeqNo: **2981437** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.024	0.9747	0	100	80	120	0.924	20	
Toluene	0.98	0.049	0.9747	0	100	80	120	0.0214	20	
Ethylbenzene	1.0	0.049	0.9747	0	103	80	120	0.115	20	
Xylenes, Total	2.9	0.097	2.924	0	100	80	120	0.464	20	
Surr: 4-Bromofluorobenzene	0.78		0.9747		80.2	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety & Environmental Solutions | Work Order Number: 2112C10 | RcptNo: 1

Received By: Cheyenne Cason 12/21/2021 8:00:00 AM

Completed By: Sean Livingston 12/21/2021 8:40:56 AM

Reviewed By: KPG 12/21/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☐	No ☑	NA ☐
	Samples not frozen.		
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JR 12/21/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	-1.2	Good				

Chain-of-Custody Record

Client: Safety & Environmental

Mailing Address: PO Box 1613
Hobbs NM 88241

Phone #: (575) 390-7067

email or Fax#: dboyer@eog-nm.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush 5 Days ~~48 hour~~

Project Name: EOG J LAZY J

Project #: EOG-21-002

Project Manager: Bob Allen

Sampler: D Boyer

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): -1.0-0.2=-1.2(°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date (2021)	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2112610	BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chlorides
12/14	0915	Soil	N. Borehole 42'	1 glass	Cool	001	X	X									X
"	0945	"	N. Borehole 47'	"	"	002	"	"									"
"	1120	"	N. Borehole 52'	"	"	003	"	"									"
"	1215	"	N. Borehole 57'	"	"	004	"	"									"
"	1405	"	N. Borehole 62'	"	"	005	"	"									"
12/14	1510	Soil	N. Borehole 67'	1 glass	Cool	006	X	X									X

Date	Time	Relinquished by	Received by	Via	Date	Time
12/20	1330	D Boyer			12/20/21	1330
12/20/21	1900		Chris Cain		12/21/21	0800

Remarks: Bill EOG Resources, ATTN Chase Settle
5 Day Rush

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 93665

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 93665
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Samples must be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Sidewall/Floor samples should represent no more than 200 ft2. If berm material is used to backfill, samples must be taken every 200 cubic feet and included in final table. Please, continue moving forward on drilling the north borehole for determination of depth to groundwater. Submit closure report within 30 days from March 28th, 2022.	5/4/2022